INTEGRATED
PERFORMANCE
CONSULTANTS

March 1st, 2019

Deborah Smith
Executive Officer II
California Regional Water Quality Control Board
Los Angeles Region

Attention: Information Technology Unit

Malibu Civic Center WTP
2018 Annual Monitoring Report

WDR: R4-2015-0051
MRP: CI-10042

OVERVIEW

Malibu Civic Center Wastewater Treatment Plant (MCCWTP) construction progress was substantially complete by mid-April and startup efforts, including seeding the biological process with activated sludge from nearby WWTPs began shortly afterward. Phase 1 sewage was applied for the first time on April 27th. Although some elements of construction, punch list corrections, warranty resolutions, commissioning, and testing continued through the remainder of the year, and some are still ongoing into 2019, the WTP has operated continuously since the end of April, treating all Phase 1 sewage, with excellent results. All effluent produced by MCCWTP was disposed of on-site through percolation due to delays in completion of off-property reclaimed water distribution and disposal infrastructure.

A. Tabular and Graphical Summaries of Data

a. Influent and effluent quality and quantity is summarized in Attachment A.
b. Groundwater quality is summarized in the attached report by Rincon Consultants.
c. Surface water quality is summarized in the attached report by Rincon Consultants.
d. No water was injected this reporting period.

B. Compliance Record

a. There were no incidents on non-compliance this reporting period.

C. Results of Effluent, Groundwater, and Surface Monitoring

a. There were no changes in surface water quality due to injection and landscape irrigation because no injection or landscape irrigation occurred in this reporting period.
b. There was no change in groundwater flow pattern resulting from Injection because no injection occurred in this reporting period.

D. Description of Changes and Anticipated Changes

During startup and subsequent operation of the new WTP, various shortcomings were identified and associated improvements were undertaken. The most notable are:

Screened Solids Handling Difficulties

Preliminary Treatment includes a coarse screen, followed by a vortex grit removal device, followed by a 1 mm fine screen. The coarse screen removed so much of the larger fibrous material that the fine screen only received extremely fine material, so fine that although it was removed by the fine screen, it was impossible to wash and compact, since it simply squeezed through the perforations of the compactor when washwater and pressure were applied. After testing various methods, the most satisfactory resolution was to bypass the coarse screen and vortex grit device. Once all preliminary solids were applied to the fine screen, the additional bulk of larger and coarser fibrous material improved performance of the washer/compactor, resolving the original problem. IPC monitors solids capture closely to ensure adequate performance with the coarse screen and vortex grit device bypassed, and will return that equipment to service when process conditions dictate.

Inadequate Flow Equalization Pump Delivery Rate

The EQ Pumps were unable to deliver design flow to the Bioreactors due to excessive headloss in the discharge piping. Design flow was 130 gpm per Bioreactor Train, but the EQ pumps were only able to deliver 60 to 110 gpm per Bioreactor Train, depending on the level in the EQ Tank. A larger test pump was installed, including an electrical upgrade for higher horsepower requirement, and this resolved the flow deficit, achieving flows up to 180 gpm and available turndown to 25 gpm with the variable frequency drive. Due to the success of the test pump, all three Phase I EQ Pumps will be similarly converted. This work is currently in progress.

Cement Mortar Lined Steel (CML) Pipe Issues

CML pipe was used almost exclusively for above ground liquid transport at the WTP. This created immediate problems with the MBR and UV systems during startup when dislodged mortar was found in samples, having been liberated due to the addition of chemicals and associated variations in pH. Membranes and UV quartz sleeves cannot tolerate abrasion, so the offending CML pipe sections were scheduled for replacement with Schedule 80 PVC. Most of that work has been completed.

Excessively Hot Control Panels

A number of control panels, including those at both sewage pump stations, all three injection wells, and the WTP hydropneumatic system were found to be operating at much higher temperatures than recommended, over 130 deg F versus the 104 deg F maximum mandated by the project specifications, subjecting sensitive electronic control components of these critical facilities to premature failure. All responsible panel manufacturer's were directed to improving cooling to meet project standards at their own cost. Bluffs Park and Legacy Park sewage pump stations high-temperature concerns have been resolved by installation of air conditioners. Injection wells 1-3 are currently being addressed. Preliminary efforts have begun on the hydropneumatic system panels.

UV Unit Flow Control Issues

The UV System was originally piped in a way that made flwo measurement impossible because the outlet piping drained by gravity to the reclamed water Clearwell, and the individual UV Unit flow meters on the outlet piping could not be kept full, which is a requirement for this type of flow meter. In concert with the CML pipe replacement job mentioned previously, the outlet piping was elevated to ensure the UV Unit flow meters remained full at all times. Once this was completed, it became apparent that it was not possible to control flow adequately to each UV Unit by relying on the natural hydraulic split expected by the designer. In order to resolve this, IPC replaced the original OPEN / CLOSED motor operated inlet valves with motor operated analog flow control valves. It is now possible to specifically control flow to each UV Unit, so that flow is distributed evenly and not allowed to exceed the 0.1 MGD design threshold per UV Unit.

Ultrasonic Level Transmitter Failures

Ultrasonic level transmitters were widely used in the original plant design. Many of these meters performed erratically, causing significant control issues during startup. The most problematic six of them (Bioreactor 1 Post Anoxic Tank 1, Bioreactor 1 Post Anoxic Tank 2, Bioreactor 2 Post Anoxic Tank 1, Bioreactor 2 Post Anoxic Tank 2, Reclaimed Water Clearwell, and Membrane Thickener), were replaced with submersible pressure style transmitters. Since then, no erratic behavior or control issues have been experienced.

Off Spec Bypass

MBRs typically produce high-quality filtrate with low turbidity, on the order of 0.05 to 0.15 ntu. Occasionally MBR filtrate turbidity is elevated, for various reasons such as increased pore size immediately after a chemical clean, the inclusion of air bubbles, etc. These types of high turbidity events can usually be resolved by continued filtration or process adjustments, but this creates a paradox that in order to improve turbidity, filtration must be allowed to continue when turbidity is high, and this creates a significant risk of a turbidity violation. No provision was made for this in the original design, so modifications were undertaken to install al high turbidity bypass system (off spec). When turbidity is off spec, the bypass is opened and remains open until back in spec. The off-spec filtrate is therefore directed to the headworks for retreatment, and no high turbidity filtrate is allowed to proceed downstream to the UV system, where high turbidity could present difficulties with disinfection.

Consistently Low UVT

The Trojan UV Fit system was certified to achieve adequate disinfection when operated as designed on feed water with UVT of 65% or higher. It has proven very difficult to reliably achieve 65% UVT in the UV feed water. Lower than expected sewage flow and load have been primary culprits in this regard. Aggravating factors have been delays in startup of the MBT (no sludge wasting capability), mandatory evacuation of Malibu in response to the Woodley fire which decreased flow even further for nearly a month, and two months of heavy rains immediately after the fire that forced us to put a second bioreactor in service in order to meet the hydraulic challenge of treating rainwater captured on site. Various operational and mechanical solutions have been implemented to improve UVT, with limited success. The most successful method has been the installation of a temporary Alum feed system. The second most successful method has been MLSS reduction once sludge wasting became available for the first time at the end of December.

Membrane BioThickener (MBT) Failure

The MBT failed catastrophically within the first few hours of operation after being commissioned and placed into service. The progressive cavity filtrate pumps ran dry and locked up. Subsequent redesign replaced the progressive cavity filtrate pumps with mag drive self-priming centrifugal pumps, as well as several other control and piping improvements. Since completion of those improvements, the MBT has performed successfully, but this was not until late December, exacerbating the low UVT issue.

Injection Well Piping

On initial attempts to start up the injection wells, they were found to have a similar problem as the one described earlier on the UV Units, in terms of discharge piping that could not be kept full so that the flow meter could function properly. Injection well 1 was repiped for a test, adding an inverted U downstream of the flow meter to keep the meter flooded when the backflush pump was running. The piping modification was a success and is being applied to the other injection wells.

E. List of Analytical Methods and QA/QC

A summary of the laboratories used, along with their ELAP certification numbers, expiration dates, and applicable Fields of Testing is shown on page XX. Additionally, all of the referenced ELAP certificates are attached. Analytical methods and QA/QC procedures are compiled with test reports, throughout the document.

F. Operator Certification

The following personnel are employed in the Operation and Maintannace of the WTP and associated faciliites:

NAME	GRADE	CERT NO.	POSITION
Ric Vardel	V	4467	Chief Plant Operator
Golan Kfir	III	41641	Operations Supervisor
Kyle Vardel	III	42661	Operations Supervisor

Carlos Alvarez	I	35031	Lead Operator
Julio Leal	I (OIT)	44542	Operator in Training
Juan Aguilar	I (OIT)	44061	Operator in Training
Mohammed Monghasem	I (OIT)	Pending	Utility Worker Pending OIT

G. Summarize Changes to OMM Plan

The OMM Plan is a living document that is being revised as necessary when changes occur. The list of modifications noted in Section D, above comprises typical examples. In such cases, OMM updates include changes to Operations & Maintenance Instructions, the Asset Management program (where applicable), as well as PLC and SCADA programs.

H. Groundwater Flow and Transport

Groundwater flow and transport is summarized in the attached Surface and Groundwater monitoring report by Rincon Consultants.

a. No injection into any major aquifer occurred in this reporting period.
b. The rate and path of flow of injected water cannot be estimated since no injection occurred in this reporting period.
c. Data used as parameters to calculate rates of groundwater flow (but not the volume of injected water, since there was no injection) reaching Santa Monica Bay, Malibu Creek, and Lagoonis is summarized in the attached Surface and Groundwater monitoring report by Rincon Consultants.

All analyses were conducted at a laboratory certified for such analyses by the California Department of Health Services, and in accordance with current United States Environmental Protection Agency (USEPA) guideline procedures or as specified in this Monitoring Program. A copy of the ELAP certificate for Sierra Analytical and copies of the completed chain of custody forms are attached.

I certify under penalty of law that this document, including all attachments and supplemental information, were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the

best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of a fine and imprisonment.

Executed on the 1st day of March, 2019, at Irvine, CA.

Sincerely,



Ric Vardel, IPC Inc.
Chief Plant Operator, License V-4457

Integrated Performance Consultants, Inc.
Contract Operator, LIcense CO-0083

ATTACHMENT A: DAILY, WEEKLY, & MONTHLY INFLUENT & EFFLUENT DATA

		INFLUENT			EFFLUENT																																	
		DAILY	WEEKLY		DAILY															WEEKLY											MONTHLY							
		Q Total Influent	TSS	BOD	Q Total Effluent	Q Lower Reuse	Q Upper Reuse	Q Plant Reuse	Q Percolation	Turbidity Avg	Turbidity Max	Turbidity > 0.2	UVT	UV Dose	pH	Total Coliform	Total Coliform	Fecal Coliform	Resid Cl2	BOD	BOD Removal	TSS	TSS Removal	NOx-N	NO3-N	NO2-N	NH3-N	TKN	Organic-N	Total-N	Oil & Grease	Total-P	TDS	Sulfate	Chloride	Boron	MBAS
	Units	*kgpd*	*mg/L*	*mg/L*	*kgpd*	*kgpd*	*kgpd*	*kgpd*	*kgpd*	*ntu*	*ntu*	*%*	*%*	*mJ/cm2*	*units*	*mpn*	*mpn*	*mpn*	*mg/L*	*mg/L*	*%*	*mg/L*	*%*	*mg/L*	*mg/L*	*mg/L*	*mpn*	*mg/L*	*mg/L*	*mg/L*	*mg/L*	*mg/L*	*mg/L*	*mg/L*	*mg/L*	*mg/L*	*mg/L*	*mg/L*
	Limit 1	191			191				50	0.2	0.5	5	65	80	6.5		2.2			20	85	15	85	8	8	1					10		2,000	500	500	2	0.5
	Limit 2														8.5	23	7 day			30		40									15							
	Limit 3															240	med			45		45																
JAN	MAX																																					
	AVG																																					
	MIN																																					
FEB	MAX																																					
	AVG																																					
	MIN																																					
MAR	MAX																																					
	AVG																																					
	MIN																																					
APR	MAX	22.9			15.8	0.0	0.0	0.0	15.8	0.07	0.08	0.00	57.5	> 80	7.4	350.0		350.0	0.049	1.9																		
	AVG	21.5			13.3	0.0	0.0	0.0	13.3	0.07	0.07	0.00	57.0	> 80	7.2	197.2		197.2	0.049	1.9																		
	MIN	20.1			10.9	0.0	0.0	0.0	10.9	0.06	0.06	0.00	56.5	> 80	7.1	1.7		1.7	0.049	1.9																		
MAY	MAX	30.8	459	271	38.6	0.0	0.0	0.0	38.6	0.10	0.18	0.00	62.6	> 80	7.8	350.0	49.0	49.0	0.049	29.0	99.2	1.0	99.8	2.5	2.4	0.11	0.17	1.24	1.12	3.34	4.9	0.0	756	126	209	0.53	0.19
	AVG	25.7	392	220	25.6	0.0	0.0	0.0	25.6	0.07	0.10	0.00	57.6	> 80	7.4	27.7	16.3	5.2	0.049	8.6	96.7	1.0	99.7	1.0	1.0	0.04	0.14	0.88	0.74	1.92	4.9	0.0	756	126	209	0.53	0.19
	MIN	19.6	347	151	9.2	0.0	0.0	0.0	9.2	0.06	0.06	0.00	54.3	> 80	6.8	1.7	1.7	1.7	0.049	1.7	94.7	0.9	99.7	0.0	0.0	0.02	0.09	0.51	0.42	0.55	4.9	0.0	756	126	209	0.53	0.19
JUN	MAX	36.4	994	824	43.9	0.0	0.0	0.0	43.9	0.16	0.19	0.00	67.5	> 80	7.6	2.0	2.0	2.0	0.049	13.0	99.8	2.0	99.9	2.9	2.7	0.18	0.09	1.23	1.14	3.93	4.9	3.5	732	138	185	0.52	0.19
	AVG	26.6	480	369	25.0	0.0	0.0	0.0	25.0	0.09	0.11	0.00	65.3	> 80	7.3	1.8	1.8	1.7	0.049	3.3	98.5	1.1	99.7	2.1	2.1	0.05	0.09	0.87	0.78	2.97	4.9	3.5	732	138	185	0.52	0.19
	MIN	20.3	154	120	11.4	0.0	0.0	0.0	11.4	0.05	0.06	0.00	61.8	> 80	7.0	1.7	1.7	1.7	0.049	1.9	96.7	0.9	99.4	0.8	0.8	0.02	0.09	0.26	0.17	1.67	4.9	3.5	732	138	185	0.52	0.19
JUL	MAX	46.2	575	310	49.4	0.0	0.0	0.0	49.4	0.12	0.28	0.71	73.7	156.0	7.7	2.0	1.7	1.7	0.049	17.0	99.4	0.9	99.8	4.6	4.5	0.04	0.10	1.15	1.05	5.71	4.9	0.1	692	139	258	1.05	0.08
	AVG	38.2	453	193	36.8	0.0	0.0	0.0	36.8	0.09	0.18	0.20	66.9	120.2	7.3	1.7	1.7	1.7	0.049	3.8	98.3	0.9	99.8	3.3	3.2	0.03	0.09	0.90	0.81	4.15	4.9	0.1	692	139	258	1.05	0.08
	MIN	30.4	210	110	20.0	0.0	0.0	0.0	20.0	0.06	0.06	0.00	57.2	92.0	6.9	1.7	1.7	1.7	0.049	1.9	96.6	0.9	99.8	2.5	2.5	0.02	0.09	0.70	0.61	3.22	4.9	0.1	692	139	258	1.05	0.08
AUG	MAX	58.6	323	795	50.8	0.0	0.0	0.0	50.8	0.13	0.25	6.16	77.1	161.0	7.7	2.0	1.7	1.7	0.049	16.0	99.6	1.0	99.7	5.2	5.1	0.19	0.36	1.16	1.07	5.77	4.9	0.0	740	126	215	0.78	0.19
	AVG	45.4	230	473	47.1	0.0	0.0	0.0	47.1	0.08	0.19	0.64	66.6	125.6	7.3	1.7	1.7	1.7	0.049	4.2	99.1	0.9	99.6	3.4	3.3	0.08	0.15	0.80	0.65	4.20	4.9	0.0	740	126	215	0.78	0.19
	MIN	39.2	166	191	27.7	0.0	0.0	0.0	27.7	0.06	0.07	0.00	60.8	102.3	6.8	1.7	1.7	1.7	0.049	1.9	97.7	0.9	99.5	1.5	1.5	0.02	0.09	0.56	0.43	2.30	4.9	0.0	740	126	215	0.78	0.19
SEP	MAX	57.8	241	612	51.5	0.0	0.0	0.0	51.5	0.07	0.23	0.10	70.2	196.4	8.2	2.0	1.7	1.7	0.049	15.0	99.6	4.0	99.6	4.6	4.5	0.02	0.12	1.00	0.88	5.56	4.9	0.2	684	124	167	1.18	0.19
	AVG	43.7	223	496	43.6	0.0	0.0	0.0	43.6	0.05	0.16	0.02	67.4	125.6	7.3	1.7	1.7	1.7	0.049	3.8	98.0	1.7	99.2	3.7	3.7	0.02	0.10	0.76	0.66	4.46	4.9	0.2	684	124	167	1.18	0.19
	MIN	35.4	180	285	32.6	0.0	0.0	0.0	32.6	0.04	0.09	0.00	65.7	98.4	6.8	1.7	1.7	1.7	0.049	1.9	95.4	0.9	97.8	2.5	2.5	0.02	0.09	0.60	0.51	3.23	4.9	0.2	684	124	167	1.18	0.19
OCT	MAX	62.1	212	441	53.4	0.0	0.0	0.0	53.4	0.06	0.45	0.51	71.6	200.0	7.8	4.5	2.0	1.7	3.800	13.0	99.6	1.0	99.6	2.8	2.8	0.05	0.12	0.96	0.87	3.80	4.9	0.5	692	118	203	0.34	0.19
	AVG	53.5	154	340	44.1	0.0	0.0	0.0	44.1	0.05	0.21	0.10	68.9	200.0	7.4	2.0	1.8	1.7	0.174	4.7	98.0	0.9	99.3	2.2	2.2	0.03	0.10	0.90	0.80	3.13	4.9	0.5	692	118	203	0.34	0.19
	MIN	39.1	91	208	36.9	0.0	0.0	0.0	36.9	0.04	0.07	0.00	64.7	199.9	6.9	1.7	1.7	1.7	0.049	1.9	93.8	0.9	99.0	1.6	1.6	0.02	0.09	0.78	0.66	2.58	4.9	0.5	692	118	203	0.34	0.19
NOV	MAX	56.1	287	891	50.1	0.0	0.0	0.0	50.1	0.05	0.46	3.82	72.3	94.1	8.0	1.7	1.7	1.7	0.049	1.9	99.8	0.9	99.7	5.7	5.6	0.08	0.46	0.90	0.56	6.60	4.9	1.8	752	111	169	0.46	0.34
	AVG	38.7	221	617	27.7	0.0	0.0	0.0	27.7	0.04	0.17	0.16	68.3	79.3	7.5	1.7	1.7	1.7	0.049	1.9	99.7	0.9	99.5	3.6	3.5	0.05	0.29	0.78	0.49	4.35	4.9	1.8	752	111	169	0.46	0.34
	MIN	14.7	117	433	7.6	0.0	0.0	0.0	7.6	0.04	0.05	0.00	64.6	63.7	6.9	1.7	1.7	1.7	0.049	1.9	99.6	0.9	99.2	1.9	1.9	0.02	0.09	0.65	0.44	2.71	4.9	1.8	752	111	169	0.46	0.34
DEC	MAX	63.2	452	545	52.4	0.0	0.0	0.0	52.4	0.08	0.50	0.25	71.9	84.2	7.7	1.7	1.7	1.7	0.049	1.9	99.7	3.0	99.8	5.9	5.9	0.12	0.21	0.97	0.76	6.51	4.9	0.7	636	96	178	0.40	0.19
	AVG	49.3	222	480	37.4	0.0	0.0	0.0	37.4	0.05	0.15	0.03	69.2	70.9	7.5	1.7	1.7	1.7	0.049	1.9	99.6	1.4	99.2	3.1	3.1	0.05	0.16	0.80	0.64	3.94	4.9	0.7	636	96	178	0.40	0.19
	MIN	24.9	127	403	29.6	0.0	0.0	0.0	29.6	0.03	0.05	0.00	66.8	46.2	6.9	1.7	1.7	1.7	0.049	1.9	99.5	0.9	98.2	1.9	1.8	0.02	0.13	0.60	0.46	2.83	4.9	0.7	636	96	178	0.40	0.19
ANNUAL	MAX	63.2	994	891	53.4	0.0	0.0	0.0	53.4	0.16	0.50	6.16	77.1	200.0	8.2	350.0	49.0	350.0	3.800	29.0	99.8	4.0	99.9	5.9	5.9	0.19	0.46	1.24	1.14	6.60	4.9	3.5	756	139	258	1.18	0.34
	AVG	38.1	297	398	33.4	0.0	0.0	0.0	33.4	0.07	0.15	0.13	65.3	120.3	7.4	26.4	3.5	23.8	0.063	3.8	98.5	1.1	99.5	2.8	2.8	0.04	0.14	0.84	0.70	3.64	4.9	0.9	711	122	198	0.66	0.19
	MIN	14.7	91	110	7.6	0.0	0.0	0.0	7.6	0.03	0.05	0.00	54.3	46.2	6.8	1.7	1.7	1.7	0.049	1.7	93.8	0.9	97.8	0.0	0.0	0.02	0.09	0.26	0.17	0.55	4.9	0.0	636	96	167	0.34	0.08

		Mgal
ANNUAL	TOTAL	9.7

Mgal	*Mgal*	*Mgal*	*Mgal*	*Mgal*
8.7	0.0	0.0	0.0	8.6

ATTACHMENT A: DAILY, WEEKLY, & MONTHLY INFLUENT & EFFLUENT DATA

	INFLUENT			EFFLUENT																																	
	DAILY	WEEKLY		DAILY																WEEKLY										MONTHLY							
	Q Total Influent	TSS	BOD	Q Total Effluent	Q Lower Reuse	Q Upper Reuse	Q Plant Reuse	Q Percolation	Turbidity Avg	Turbidity Max	Turbidity > 0.2	UVT	UV Dose	pH	Total Coliform	Total Coliform	Fecal Coliform	Resid Cl2	BOD	BOD Removal	TSS	TSS Removal	NOx-N	NO3-N	NO2-N	NH3-N	TKN	Organic-N	Total-N	Oil & Grease	Total-P	TDS	Sulfate	Chloride	Boron	MBAS
Units	kgpd	mg/L	mg/L	kgpd	kgpd	kgpd	kgpd	kgpd	ntu	ntu	%	%	mJ/cm2	units	mpn	mpn	mpn	mg/L	mg/L	%	mg/L	%	mg/L	mg/L	mg/L	mpn	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Limit 1	191			191				50	0.2	0.5	5	65	80	6.5		2.2			20	85	15	85	8	8	1					10		2,000	500	500	2	0.5
Limit 2														8.5	23	7 day			30		40									15						
Limit 3															240	med			45		45																
01/01/2018	Mon																																				
01/02/2018	Tue																																				
01/03/2018	Wed																																				
01/04/2018	Thu																																				
01/05/2018	Fri																																				
01/06/2018	Sat																																				
01/07/2018	Sun																																				
01/08/2018	Mon																																				
01/09/2018	Tue																																				
01/10/2018	Wed																																				
01/11/2018	Thu																																				
01/12/2018	Fri																																				
01/13/2018	Sat																																				
01/14/2018	Sun																																				
01/15/2018	Mon																																				
01/16/2018	Tue																																				
01/17/2018	Wed																																				
01/18/2018	Thu																																				
01/19/2018	Fri																																				
01/20/2018	Sat																																				
01/21/2018	Sun																																				
01/22/2018	Mon																																				
01/23/2018	Tue																																				
01/24/2018	Wed																																				
01/25/2018	Thu																																				
01/26/2018	Fri																																				
01/27/2018	Sat																																				
01/28/2018	Sun																																				
01/29/2018	Mon																																				
01/30/2018	Tue																																				
01/31/2018	Wed																																				
TOTAL	0			0	0	0	0	0																													
MAX	0.0	0	0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.0	0.0	0	0	0	0.00	0.00
AVG	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
MIN	0.0	0	0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.0	0.0	0	0	0	0.00	0.00

ATTACHMENT A: DAILY, WEEKLY, & MONTHLY INFLUENT & EFFLUENT DATA

	INFLUENT			EFFLUENT																																	
	DAILY	WEEKLY		DAILY																WEEKLY										MONTHLY							
	Q Total Influent	TSS	BOD	Q Total Effluent	Q Lower Reuse	Q Upper Reuse	Q Plant Reuse	Q Percolation	Turbidity Avg	Turbidity Max	Turbidity > 0.2	UVT	UV Dose	pH	Total Coliform	Total Coliform	Fecal Coliform	Resid Cl2	BOD	BOD Removal	TSS	TSS Removal	NOx-N	NO3-N	NO2-N	NH3-N	TKN	Organic-N	Total-N	Oil & Grease	Total-P	TDS	Sulfate	Chloride	Boron	MBAS
Units	kgpd	mg/L	mg/L	kgpd	kgpd	kgpd	kgpd	kgpd	ntu	ntu	%	%	mJ/cm2	units	mpn	mpn	mpn	mg/L	mg/L	%	mg/L	%	mg/L	mg/L	mg/L	mpn	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Limit 1	191			191				50	0.2	0.5	5	65	80	6.5		2.2			20	85	15	85	8	8	1					10		2,000	500	500	2	0.5
Limit 2														8.5	23	7 day			30		40									15						
Limit 3															240	med			45		45																
02/01/2018	Thu																																				
02/02/2018	Fri																																				
02/03/2018	Sat																																				
02/04/2018	Sun																																				
02/05/2018	Mon																																				
02/06/2018	Tue																																				
02/07/2018	Wed																																				
02/08/2018	Thu																																				
02/09/2018	Fri																																				
02/10/2018	Sat																																				
02/11/2018	Sun																																				
02/12/2018	Mon																																				
02/13/2018	Tue																																				
02/14/2018	Wed																																				
02/15/2018	Thu																																				
02/16/2018	Fri																																				
02/17/2018	Sat																																				
02/18/2018	Sun																																				
02/19/2018	Mon																																				
02/20/2018	Tue																																				
02/21/2018	Wed																																				
02/22/2018	Thu																																				
02/23/2018	Fri																																				
02/24/2018	Sat																																				
02/25/2018	Sun																																				
02/26/2018	Mon																																				
02/27/2018	Tue																																				
02/28/2018	Wed																																				
TOTAL	0			0	0	0	0	0																													
MAX	0.0	0	0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.0	0.0	0	0	0	0.00	0.00
AVG	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
MIN	0.0	0	0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.0	0.0	0	0	0	0.00	0.00

ATTACHMENT A: DAILY, WEEKLY, & MONTHLY INFLUENT & EFFLUENT DATA

	INFLUENT			EFFLUENT																																	
	DAILY	WEEKLY		DAILY																WEEKLY										MONTHLY							
	Q Total Influent	TSS	BOD	Q Total Effluent	Q Lower Reuse	Q Upper Reuse	Q Plant Reuse	Q Percolation	Turbidity Avg	Turbidity Max	Turbidity > 0.2	UVT	UV Dose	pH	Total Coliform	Total Coliform	Fecal Coliform	Resid Cl2	BOD	BOD Removal	TSS	TSS Removal	NOx-N	NO3-N	NO2-N	NH3-N	TKN	Organic-N	Total-N	Oil & Grease	Total-P	TDS	Sulfate	Chloride	Boron	MBAS
Units	kgpd	mg/L	mg/L	kgpd	kgpd	kgpd	kgpd	kgpd	ntu	ntu	%	%	mJ/cm2	units	mpn	mpn	mpn	mg/L	mg/L	%	mg/L	%	mg/L	mg/L	mg/L	mpn	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Limit 1	191			191				50	0.2	0.5	5	65	80	6.5		2.2			20	85	15	85	8	8	1					10		2,000	500	500	2	0.5
Limit 2														8.5	23	7 day			30		40									15						
Limit 3															240	med			45		45																
03/01/2018	Thu																																				
03/02/2018	Fri																																				
03/03/2018	Sat																																				
03/04/2018	Sun																																				
03/05/2018	Mon																																				
03/06/2018	Tue																																				
03/07/2018	Wed																																				
03/08/2018	Thu																																				
03/09/2018	Fri																																				
03/10/2018	Sat																																				
03/11/2018	Sun																																				
03/12/2018	Mon																																				
03/13/2018	Tue																																				
03/14/2018	Wed																																				
03/15/2018	Thu																																				
03/16/2018	Fri																																				
03/17/2018	Sat																																				
03/18/2018	Sun																																				
03/19/2018	Mon																																				
03/20/2018	Tue																																				
03/21/2018	Wed																																				
03/22/2018	Thu																																				
03/23/2018	Fri																																				
03/24/2018	Sat																																				
03/25/2018	Sun																																				
03/26/2018	Mon																																				
03/27/2018	Tue																																				
03/28/2018	Wed																																				
03/29/2018	Thu																																				
03/30/2018	Fri																																				
03/31/2018	Sat																																				
TOTAL	0			0	0	0	0	0																													
MAX	0.0	0	0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.0	0.0	0	0	0	0.00	0.00
AVG	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
MIN	0.0	0	0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.0	0.0	0	0	0	0.00	0.00

ATTACHMENT A: DAILY, WEEKLY, & MONTHLY INFLUENT & EFFLUENT DATA

		INFLUENT			EFFLUENT																																	
		DAILY	WEEKLY		DAILY																WEEKLY										MONTHLY							
		Q Total Influent	TSS	BOD	Q Total Effluent	Q Lower Reuse	Q Upper Reuse	Q Plant Reuse	Q Percolation	Turbidity Avg	Turbidity Max	Turbidity > 0.2	UVT	UV Dose	pH	Total Coliform	Total Coliform	Fecal Coliform	Resid Cl2	BOD	BOD Removal	TSS	TSS Removal	NOx-N	NO3-N	NO2-N	NH3-N	TKN	Organic-N	Total-N	Oil & Grease	Total-P	TDS	Sulfate	Chloride	Boron	MBAS
	Units	kgpd	mg/L	mg/L	kgpd	kgpd	kgpd	kgpd	kgpd	ntu	ntu	%	%	mJ/cm2	units	mpn	mpn	mpn	mg/L	mg/L	%	mg/L	%	mg/L	mg/L	mg/L	mpn	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
	Limit 1	191			191				50	0.2	0.5	5	65	80	6.5		2.2			20	85	15	85	8	8	1					10		2,000	500	500	2	0.5
	Limit 2														8.5	23	7 day			30		40									15						
	Limit 3															240	med			45		45															
04/01/2018	Sun																																					
04/02/2018	Mon																																					
04/03/2018	Tue																																					
04/04/2018	Wed																																					
04/05/2018	Thu																																					
04/06/2018	Fri																																					
04/07/2018	Sat																																					
04/08/2018	Sun																																					
04/09/2018	Mon																																					
04/10/2018	Tue																																					
04/11/2018	Wed																																					
04/12/2018	Thu																																					
04/13/2018	Fri																																					
04/14/2018	Sat																																					
04/15/2018	Sun																																					
04/16/2018	Mon																																					
04/17/2018	Tue																																					
04/18/2018	Wed																																					
04/19/2018	Thu																																					
04/20/2018	Fri																																					
04/21/2018	Sat																																					
04/22/2018	Sun																																					
04/23/2018	Mon																																					
04/24/2018	Tue																																					
04/25/2018	Wed																																					
04/26/2018	Thu																																					
04/27/2018	Fri																																					
04/28/2018	Sat														7.1	240.0		240.0	0.049	1.9																		
04/29/2018	Sun	20.1			10.9	0.0	0.0	0.0	10.9	0.06	0.06	0.00	57.5	> 80	7.1	350.0		350.0	0.049	1.9																		
04/30/2018	Mon	22.9			15.8	0.0	0.0	0.0	15.8	0.07	0.08	0.00	56.5	> 80	7.4	1.7		1.7	0.049	1.9																		
TOTAL		43			27	0	0	0	27																														
MAX		22.9	0	0	15.8	0.0	0.0	0.0	15.8	0.07	0.08	0.00	57.5	> 80	7.4	350.0	0.0	350.0	0.049	1.9	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.0	0.0	0	0	0	0.00	0.00
AVG		21.5	#DIV/0!	#DIV/0!	13.3	0.0	0.0	0.0	13.3	0.07	0.07	0.00	57.0	> 80	7.2	197.2	#DIV/0!	197.2	0.049	1.9	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
MIN		20.1	0	0	10.9	0.0	0.0	0.0	10.9	0.06	0.06	0.00	56.5	> 80	7.1	1.7	0.0	1.7	0.049	1.9	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.0	0.0	0	0	0	0.00	0.00

ATTACHMENT A: DAILY, WEEKLY, & MONTHLY INFLUENT & EFFLUENT DATA

		INFLUENT			EFFLUENT																																
		DAILY	WEEKLY		DAILY															WEEKLY										MONTHLY							
		Q Total Influent	TSS	BOD	Q Total Effluent	Q Lower Reuse	Q Upper Reuse	Q Plant Reuse	Q Percolation	Turbidity Avg	Turbidity Max	Turbidity > 0.2	UVT	UV Dose	pH	Total Coliform	Total Coliform	Fecal Coliform	Resid Cl2	BOD	BOD Removal	TSS	TSS Removal	NOx-N	NO3-N	NO2-N	NH3-N	TKN	Organic-N	Total-N	Oil & Grease	Total-P	TDS	Sulfate	Chloride	Boron	MBAS
	Units	kgpd	mg/L	mg/L	kgpd	kgpd	kgpd	kgpd	kgpd	ntu	ntu	%	%	mJ/cm2	units	mpn	mpn	mpn	mg/L	mg/L	%	mg/L	%	mg/L	mg/L	mg/L	mpn	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
	Limit 1	191			191				50	0.2	0.5	5	65	80	6.5		2.2			20	85	15	85	8	8	1					10		2,000	500	500	2	0.5
	Limit 2														8.5	23	7 day			30		40									15						
	Limit 3															240	med			45		45															
05/01/2018	Tue	22.5			34.4	0.0	0.0	0.0	34.4	0.07	0.11	0.00	55.7	> 80	7.2	23.0		23.0	0.049	24.0																	
05/02/2018	Wed	24.6			30.9	0.0	0.0	0.0	30.9	0.06	0.07	0.00	55.9	> 80	7.6	49.0		49.0	0.049	9.0																	
05/03/2018	Thu	25.7	347	211	9.2	0.0	0.0	0.0	9.2	0.06	0.08	0.00	56.6	> 80	7.1	11.0		2.0	0.049	10.0	95.3	1.0	99.7	0.0	0.0	0.02	0.09	0.51	0.42	0.55							
05/04/2018	Fri	25.3			20.1	0.0	0.0	0.0	20.1	0.06	0.06	0.00	57.0	> 80	7.2	49.0	49.0	23.0	0.049	8.0																	
05/05/2018	Sat	24.5			11.2	0.0	0.0	0.0	11.2	0.07	0.07	0.00	56.8	> 80	7.4	13.0	23.0	7.8	0.049	6.0																	
05/06/2018	Sun	22.1			23.9	0.0	0.0	0.0	23.9	0.07	0.07	0.00	56.5	> 80	7.8	7.8	13.0	4.0	0.049	8.0																	
05/07/2018	Mon	24.1			20.9	0.0	0.0	0.0	20.9	0.07	0.18	0.00	55.7	> 80	7.5	33.0	23.0	1.7	0.049	8.0																	
05/08/2018	Tue	27.4			33.5	0.0	0.0	0.0	33.5	0.07	0.07	0.00	55.3	> 80	7.5	31.0	31.0	1.7	0.049	1.9																	
05/09/2018	Wed	22.6			34.4	0.0	0.0	0.0	34.4	0.06	0.14	0.00	55.5	> 80	7.1	79.0	31.0	4.0	0.049	8.0																	
05/10/2018	Thu	22.1	397	151	27.4	0.0	0.0	0.0	27.4	0.06	0.06	0.00	55.7	> 80	7.7	17.0	31.0	1.7	0.049	8.0	94.7	1.0	99.7	1.6	1.5	0.11	0.12	1.24	1.12	2.85							
05/11/2018	Fri	21.8			12.7	0.0	0.0	0.0	12.7	0.07	0.07	0.00	56.6	> 80	7.6	350.0	31.0	1.7	0.049	16.0																	
05/12/2018	Sat	23.2			15.3	0.0	0.0	0.0	15.3	0.07	0.09	0.00	61.0	> 80	7.4	6.8	31.0	1.7	0.049	16.0																	
05/13/2018	Sun	19.9			38.0	0.0	0.0	0.0	38.0	0.06	0.06	0.00	60.4	> 80	7.2	2.0	31.0	1.7	0.049	1.9																	
05/14/2018	Mon	19.6			38.6	0.0	0.0	0.0	38.6	0.08	0.17	0.00	60.6	> 80	7.5	13.0	17.0	1.7	0.049	1.9																	
05/15/2018	Tue	25.2			26.1	0.0	0.0	0.0	26.1	0.07	0.08	0.00	57.2	> 80	7.6	33.0	17.0	2.0	0.049	1.9																	
05/16/2018	Wed	28.9	366	271	15.4	0.0	0.0	0.0	15.4	0.07	0.17	0.00	57.7	> 80	7.4	2.0	13.0	1.7	0.049	6.0	97.8	1.0	99.7	0.0	0.0	0.02	0.17	0.89	0.72	0.93							
05/17/2018	Thu	29.8			21.9	0.0	0.0	0.0	21.9	0.07	0.07	0.00	58.1	> 80	7.5	11.0	11.0	2.0	0.049	8.0																	
05/18/2018	Fri	29.5			28.3	0.0	0.0	0.0	28.3	0.07	0.08	0.00	57.9	> 80	7.4	14.0	11.0	4.0	0.049	24.0																	
05/19/2018	Sat	27.0			34.5	0.0	0.0	0.0	34.5	0.08	0.09	0.00	56.1	> 80	7.3	1.7	11.0	1.7	0.049	29.0																	
05/20/2018	Sun	24.7			34.0	0.0	0.0	0.0	34.0	0.10	0.11	0.00	54.6	> 80	7.6	7.8	11.0	1.7	0.049	1.9																	
05/21/2018	Mon	26.8			24.2	0.0	0.0	0.0	24.2	0.09	0.12	0.00	54.3	> 80	6.8	49.0	11.0	1.7	0.049	1.9																	
05/22/2018	Tue	26.0	459	247	19.4	0.0	0.0	0.0	19.4	0.07	0.08	0.00	54.6	> 80	7.3	7.8	7.8	2.0	0.049	1.9	99.2	0.9	99.8	2.5	2.4	0.02	0.17	0.88	0.71	3.34	4.9	0.0	756	126	209	0.53	0.19
05/23/2018	Wed	25.7			22.4	0.0	0.0	0.0	22.4	0.06	0.13	0.00	55.6	> 80	7.5	6.1	7.8	1.7	0.049	9.0																	
05/24/2018	Thu	29.9			21.9	0.0	0.0	0.0	21.9	0.06	0.08	0.00	56.9	> 80	7.4	2.0	7.8	1.7	0.049	7.0																	
05/25/2018	Fri	30.6			23.6	0.0	0.0	0.0	23.6	0.09	0.10	0.00	58.0	> 80	6.9	1.7	6.1	1.7	0.049	11.0																	
05/26/2018	Sat	27.1			31.2	0.0	0.0	0.0	31.2	0.08	0.13	0.00	59.8	> 80	7.4	1.7	6.1	1.7	0.049	12.0																	
05/27/2018	Sun	27.9			31.2	0.0	0.0	0.0	31.2	0.06	0.06	0.00	61.4	> 80	7.2	1.7	2.0	1.7	0.049	1.9																	
05/28/2018	Mon	28.6			31.2	0.0	0.0	0.0	31.2	0.07	0.13	0.00	62.4	> 80	7.1	2.0	2.0	1.7	0.049	1.7																	
05/29/2018	Tue	26.3			31.1	0.0	0.0	0.0	31.1	0.08	0.09	0.00	62.6	> 80	7.3	1.7	1.7	1.7	0.049	1.7																	
05/30/2018	Wed	30.8			21.6	0.0	0.0	0.0	21.6	0.09	0.13	0.00	62.4	> 80	7.2	2.0	1.7	1.7	0.049	11.0																	
05/31/2018	Thu	43.5			22.6	0.0	0.0	0.0	22.6	0.10	0.10	0.00	62.4	> 80	7.4	2.0	1.7	1.7	0.049	5.0																	
TOTAL		770			768	0	0	0	768																												
MAX		30.8	459	271	38.6	0.0	0.0	0.0	38.6	0.10	0.18	0.00	62.6	> 80	7.8	350.0	49.0	49.0	0.049	29.0	99.2	1.0	99.8	2.5	2.4	0.11	0.17	1.24	1.12	3.34	4.9	0.0	756	126	209	0.53	0.19
AVG		25.7	392	220	25.6	0.0	0.0	0.0	25.6	0.07	0.10	0.00	57.6	> 80	7.4	27.7	16.3	5.2	0.049	8.6	96.7	1.0	99.7	1.0	1.0	0.04	0.14	0.88	0.74	1.92	4.9	0.0	756	126	209	0.53	0.19
MIN		19.6	347	151	9.2	0.0	0.0	0.0	9.2	0.06	0.06	0.00	54.3	> 80	6.8	1.7	1.7	1.7	0.049	1.7	94.7	0.9	99.7	0.0	0.0	0.02	0.09	0.51	0.42	0.55	4.9	0.0	756	126	209	0.53	0.19

ATTACHMENT A: DAILY, WEEKLY, & MONTHLY INFLUENT & EFFLUENT DATA

	INFLUENT			EFFLUENT																																
	DAILY	WEEKLY		DAILY																	WEEKLY										MONTHLY						
	Q Total Influent	TSS	BOD	Q Total Effluent	Q Lower Reuse	Q Upper Reuse	Q Plant Reuse	Q Percolation	Turbidity Avg	Turbidity Max	Turbidity > 0.2	UVT	UV Dose	pH	Total Coliform	Total Coliform	Fecal Coliform	Resid Cl2	BOD	BOD Removal	TSS	TSS Removal	NOx-N	NO3-N	NO2-N	NH3-N	TKN	Organic-N	Total-N	Oil & Grease	Total-P	TDS	Sulfate	Chloride	Boron	MBAS
Units	kgpd	mg/L	mg/L	kgpd	kgpd	kgpd	kgpd	kgpd	ntu	ntu	%	%	mJ/cm2	units	mpn	mpn	mpn	mg/L	mg/L	%	mg/L	%	mg/L	mg/L	mg/L	mpn	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Limit 1	191			191				50	0.2	0.5	5	65	80	6.5		2.2			20	85	15	85	8	8	1					10		2,000	500	500	2	0.5
Limit 2														8.5	23	7 day			30		40									15						
Limit 3															240	med			45		45															
06/01/2018	Fri	26.4			31.0	0.0	0.0	0.0	31.0	0.10	0.10	0.00	62.4	> 80	7.2	1.7	1.7	1.7	0.049	4.0																	
06/02/2018	Sat	28.1	281	120	31.2	0.0	0.0	0.0	31.2	0.10	0.13	0.00	62.1	> 80	7.3	1.7	1.7	1.7	0.049	4.0	96.7	0.9	99.7	2.9	2.7	0.18	0.09	1.02	0.93	3.93	4.9	3.5	732	138	185	0.52	0.19
06/03/2018	Sun	28.4			25.8	0.0	0.0	0.0	25.8	0.11	0.12	0.00	61.8	> 80	7.4	1.7	1.7	1.7	0.049	1.9																	
06/04/2018	Mon	25.8			18.2	0.0	0.0	0.0	18.2	0.12	0.13	0.00	62.4	> 80	7.4	1.7	1.7	1.7	0.049	1.9																	
06/05/2018	Tue	25.2			19.3	0.0	0.0	0.0	19.3	0.13	0.17	0.00	63.3	> 80	7.5	1.7	1.7	1.7	0.049	1.9																	
06/06/2018	Wed	25.3	154	180	23.5	0.0	0.0	0.0	23.5	0.13	0.14	0.00	63.8	> 80	7.4	1.7	1.7	1.7	0.049	1.9	98.9	0.9	99.4	2.2	2.2	0.02	0.09	0.26	0.17	2.43							
06/07/2018	Thu	27.4			24.2	0.0	0.0	0.0	24.2	0.14	0.14	0.00	64.7	> 80	7.6	1.7	1.7	1.7	0.049	3.0																	
06/08/2018	Fri	21.4			23.6	0.0	0.0	0.0	23.6	0.14	0.14	0.00	65.2	> 80	7.1	1.7	1.7	1.7	0.049	1.9																	
06/09/2018	Sat	22.1			23.3	0.0	0.0	0.0	23.3	0.15	0.15	0.00	65.1	> 80	7.0	1.7	1.7	1.7	0.049	4.0																	
06/10/2018	Sun	22.4			23.7	0.0	0.0	0.0	23.7	0.16	0.16	0.00	65.1	> 80	7.6	1.7	1.7	1.7	0.049	1.9																	
06/11/2018	Mon	21.7			22.3	0.0	0.0	0.0	22.3	0.11	0.19	0.00	64.9	> 80	7.4	1.7	1.7	1.7	0.049	1.9																	
06/12/2018	Tue	21.6			11.4	0.0	0.0	0.0	11.4	0.07	0.10	0.00	64.8	> 80	7.3	2.0	1.7	1.7	0.049	11.0																	
06/13/2018	Wed	21.5			21.0	0.0	0.0	0.0	21.0	0.05	0.09	0.00	64.7	> 80	7.3	1.7	1.7	1.7	0.049	13.0																	
06/14/2018	Thu	27.9			14.9	0.0	0.0	0.0	14.9	0.06	0.13	0.00	64.7	> 80	7.3	1.7	1.7	1.7	0.049	1.9																	
06/15/2018	Fri	28.6	994	824	21.3	0.0	0.0	0.0	21.3	0.09	0.10	0.00	65.3	> 80	7.2	2.0	1.7	1.7	0.049	2.0	99.8	0.9	99.9	2.4	2.4	0.02	0.09	0.94	0.85	3.35							
06/16/2018	Sat	21.2			21.2	0.0	0.0	0.0	21.2	0.12	0.13	0.00	65.5	> 80	7.3	2.0	1.7	1.7	0.049	1.9																	
06/17/2018	Sun	22.7			21.1	0.0	0.0	0.0	21.1	0.15	0.15	0.00	65.7	> 80	7.4	2.0	2.0	1.7	0.049	1.9																	
06/18/2018	Mon	20.3			21.2	0.0	0.0	0.0	21.2	0.11	0.16	0.00	66.1	> 80	7.5	1.8	2.0	1.7	0.049	1.9																	
06/19/2018	Tue	22.9			17.8	0.0	0.0	0.0	17.8	0.06	0.07	0.00	66.5	> 80	7.2	2.0	2.0	1.7	0.049	1.9																	
06/20/2018	Wed	22.8			14.8	0.0	0.0	0.0	14.8	0.06	0.06	0.00	66.5	> 80	7.3	1.7	2.0	1.7	0.049	7.0																	
06/21/2018	Thu	27.1	537	574	19.2	0.0	0.0	0.0	19.2	0.06	0.09	0.00	66.4	> 80	7.6	1.7	2.0	1.7	0.049	9.0	98.4	2.0	99.6	2.3	2.2	0.02	0.09	1.23	1.14	3.49							
06/22/2018	Fri	27.9			25.8	0.0	0.0	0.0	25.8	0.06	0.06	0.00	66.5	> 80	7.5	1.7	1.8	1.7	0.049	1.9																	
06/23/2018	Sat	36.4			25.8	0.0	0.0	0.0	25.8	0.06	0.06	0.00	66.5	> 80	7.2	2.0	1.8	1.7	0.049	1.9																	
06/24/2018	Sun	34.1			37.2	0.0	0.0	0.0	37.2	0.06	0.07	0.00	67.1	> 80	7.3	2.0	1.8	2.0	0.049	1.9																	
06/25/2018	Mon	31.6			43.9	0.0	0.0	0.0	43.9	0.07	0.08	0.00	67.5	> 80	7.5	1.7	1.7	1.7	0.049	1.9																	
06/26/2018	Tue	34.8			31.0	0.0	0.0	0.0	31.0	0.07	0.13	0.00	67.5	> 80	7.3	1.7	1.7	1.7	0.049	1.9																	
06/27/2018	Wed	33.4	432	145	35.0	0.0	0.0	0.0	35.0	0.05	0.06	0.00	67.5	> 80	7.6	1.7	1.7	1.7	0.049	2.0	98.6	0.9	99.8	0.8	0.8	0.02	0.09	0.90	0.81	1.67							
06/28/2018	Thu	29.2			34.8	0.0	0.0	0.0	34.8	0.06	0.08	0.00	66.7	> 80	7.2	1.7	1.7	1.7	0.049	4.0																	
06/29/2018	Fri	28.3			35.0	0.0	0.0	0.0	35.0	0.06	0.06	0.00	66.2	> 80	7.2	1.7	1.7	1.7	0.049	1.9																	
06/30/2018	Sat	32.2			32.9	0.0	0.0	0.0	32.9	0.06	0.06	0.00	65.2	> 80	7.3	1.7	1.7	1.7	0.049	1.9																	
TOTAL	799			751	0	0	0	751																													
MAX	36.4	994	824	43.9	0.0	0.0	0.0	43.9	0.16	0.19	0.00	67.5	> 80	7.6	2.0	2.0	2.0	0.049	13.0	99.8	2.0	99.9	2.9	2.7	0.18	0.09	1.23	1.14	3.93	4.9	3.5	732	138	185	0.52	0.19
AVG	26.6	480	369	25.0	0.0	0.0	0.0	25.0	0.09	0.11	0.00	65.3	> 80	7.3	1.8	1.8	1.7	0.049	3.3	98.5	1.1	99.7	2.1	2.1	0.05	0.09	0.87	0.78	2.97	4.9	3.5	732	138	185	0.52	0.19
MIN	20.3	154	120	11.4	0.0	0.0	0.0	11.4	0.05	0.06	0.00	61.8	> 80	7.0	1.7	1.7	1.7	0.049	1.9	96.7	0.9	99.4	0.8	0.8	0.02	0.09	0.26	0.17	1.67	4.9	3.5	732	138	185	0.52	0.19

ATTACHMENT A: DAILY, WEEKLY, & MONTHLY INFLUENT & EFFLUENT DATA

	INFLUENT			EFFLUENT																																
	DAILY	WEEKLY		DAILY																WEEKLY										MONTHLY							
	Q Total Influent	TSS	BOD	Q Total Effluent	Q Lower Reuse	Q Upper Reuse	Q Plant Reuse	Q Percolation	Turbidity Avg	Turbidity Max	Turbidity > 0.2	UVT	UV Dose	pH	Total Coliform	Total Coliform	Fecal Coliform	Resid Cl2	BOD	BOD Removal	TSS	TSS Removal	NOx-N	NO3-N	NO2-N	NH3-N	TKN	Organic-N	Total-N	Oil & Grease	Total-P	TDS	Sulfate	Chloride	Boron	MBAS
Units	kgpd	mg/L	mg/L	kgpd	kgpd	kgpd	kgpd	kgpd	ntu	ntu	%	%	mJ/cm2	units	mpn	mpn	mpn	mg/L	mg/L	%	mg/L	%	mg/L	mg/L	mg/L	mpn	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Limit 1	191			191				50	0.2	0.5	5	65	80	6.5		2.2			20	85	15	85	8	8	1					10		2,000	500	500	2	0.5
Limit 2														8.5	23	7 day			30		40									15						
Limit 3															240	med			45		45															
07/01/2018	Sun	30.7			32.9	0.0	0.0	0.0	32.9	0.06	0.10	0.00	65.0	114.2	7.2	1.7	1.7	1.7	0.049	1.9																	
07/02/2018	Mon	30.8			29.3	0.0	0.0	0.0	29.3	0.07	0.07	0.00	66.0	114.6	7.3	1.7	1.7	1.7	0.049	1.9																	
07/03/2018	Tue	32.5	548	146	29.8	0.0	0.0	0.0	29.8	0.08	0.20	0.10	65.2	117.6	7.5	1.7	1.7	1.7	0.049	5.0	96.6	0.9	99.8	2.5	2.5	0.03	0.09	0.70	0.61	3.22							
07/04/2018	Wed	30.4			35.1	0.0	0.0	0.0	35.1	0.10	0.11	0.00	65.0	111.3	7.2	2.0	1.7	1.7	0.049	4.0																	
07/05/2018	Thu	32.5			25.3	0.0	0.0	0.0	25.3	0.10	0.22	0.10	65.0	112.5	7.1	1.7	1.7	1.7	0.049	5.0																	
07/06/2018	Fri	34.0			20.2	0.0	0.0	0.0	20.2	0.07	0.07	0.00	65.3	114.7	7.5	1.7	1.7	1.7	0.049	3.0																	
07/07/2018	Sat	41.8			20.0	0.0	0.0	0.0	20.0	0.07	0.07	0.00	65.6	106.7	7.4	1.7	1.7	1.7	0.049	6.0																	
07/08/2018	Sun	45.4			20.4	0.0	0.0	0.0	20.4	0.07	0.07	0.00	66.1	107.4	7.2	1.7	1.7	1.7	0.049	1.9																	
07/09/2018	Mon	39.5			26.6	0.0	0.0	0.0	26.6	0.07	0.07	0.00	67.3	113.8	7.5	1.7	1.7	1.7	0.049	1.9																	
07/10/2018	Tue	40.1			39.1	0.0	0.0	0.0	39.1	0.09	0.22	0.25	68.0	110.5	7.4	1.7	1.7	1.7	0.049	1.9																	
07/11/2018	Wed	41.2	210	110	45.4	0.0	0.0	0.0	45.4	0.11	0.11	0.00	68.8	113.2	7.6	1.7	1.7	1.7	0.049	1.9											4.9	0.1	692	139	258	1.05	0.08
07/12/2018	Thu	38.3			44.8	0.0	0.0	0.0	44.8	0.09	0.23	0.20	69.1	114.9	7.4	1.7	1.7	1.7	0.049	17.0																	
07/13/2018	Fri	36.1			44.5	0.0	0.0	0.0	44.5	0.06	0.06	0.00	69.2	107.9	7.2	1.7	1.7	1.7	0.049	1.9																	
07/14/2018	Sat	DL			DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	7.4	1.7	1.7	1.7	0.049	2.0																	
07/15/2018	Sun	38.0			44.1	0.0	0.0	0.0	44.1	0.06	0.09	0.00	69.0	101.7	6.9	1.7	1.7	1.7	0.049	1.9																	
07/16/2018	Mon	36.0			41.9	0.0	0.0	0.0	41.9	0.10	0.24	0.41	57.2	121.6	7.3	1.7	1.7	1.7	0.049	1.9																	
07/17/2018	Tue	36.2			38.6	0.0	0.0	0.0	38.6	0.11	0.25	0.71	61.3	155.8	7.7	1.7	1.7	1.7	0.049	1.9																	
07/18/2018	Wed	35.0	575	206	38.1	0.0	0.0	0.0	38.1	0.08	0.24	0.41	63.5	156.0	6.9	1.7	1.7	1.7	0.049	1.9	99.1	0.9	99.8	4.6	4.5	0.04	0.10	1.15	1.05	5.71							
07/19/2018	Thu	35.5			33.0	0.0	0.0	0.0	33.0	0.09	0.24	0.20	61.4	142.1	7.5	2.0	1.7	1.7	0.049	1.9																	
07/20/2018	Fri	35.2			29.8	0.0	0.0	0.0	29.8	0.08	0.25	0.36	66.0	133.7	7.4	1.7	1.7	1.7	0.049	9.0																	
07/21/2018	Sat	39.3			29.7	0.0	0.0	0.0	29.7	0.08	0.25	0.31	66.0	136.1	7.5	1.7	1.7	1.7	0.049	1.9																	
07/22/2018	Sun	42.8			29.7	0.0	0.0	0.0	29.7	0.07	0.25	0.31	66.0	133.4	7.2	1.7	1.7	1.7	0.049	1.9																	
07/23/2018	Mon	39.2			40.3	0.0	0.0	0.0	40.3	0.09	0.23	0.31	67.7	125.7	7.4	1.7	1.7	1.7	0.049	1.9																	
07/24/2018	Tue	36.5			45.6	0.0	0.0	0.0	45.6	0.10	0.24	0.25	69.5	110.8	7.4	1.7	1.7	1.7	0.049	12.0																	
07/25/2018	Wed	38.6			49.4	0.0	0.0	0.0	49.4	0.12	0.28	0.36	69.9	120.0	7.3	1.7	1.7	1.7	0.049	12.0																	
07/26/2018	Thu	42.5	480	310	49.4	0.0	0.0	0.0	49.4	0.11	0.24	0.61	70.0	112.0	7.4	1.7	1.7	1.7	0.049	1.9	99.4	0.9	99.8	2.7	2.7	0.02	0.09	0.85	0.76	3.53							
07/27/2018	Fri	42.0			48.9	0.0	0.0	0.0	48.9	0.07	0.22	0.05	70.2	138.0	7.4	1.7	1.7	1.7	0.049	2.0																	
07/28/2018	Sat	45.9			37.2	0.0	0.0	0.0	37.2	0.09	0.25	0.61	70.1	129.0	7.3	1.7	1.7	1.7	0.049	3.0																	
07/29/2018	Sun	44.9			37.2	0.0	0.0	0.0	37.2	0.08	0.08	0.00	70.0	92.0	7.4	1.7	1.7	1.7	0.049	1.9																	
07/30/2018	Mon	46.2			48.5	0.0	0.0	0.0	48.5	0.09	0.24	0.41	70.5	96.0	7.3	1.7	1.7	1.7	0.049	1.9																	
07/31/2018	Tue	40.9			49.2	0.0	0.0	0.0	49.2	0.10	0.19	0.00	73.7	144.0	7.4	1.7	1.7	1.7	0.049	5.0																	
TOTAL	1,107			1,104	0	0	0	1,055																												
MAX	46.2	575	310	49.4	0.0	0.0	0.0	49.4	0.12	0.28	0.71	73.7	156.0	7.7	2.0	1.7	1.7	0.049	17.0	99.4	0.9	99.8	4.6	4.5	0.04	0.10	1.15	1.05	5.71	4.9	0.1	692	139	258	1.05	0.08
AVG	38.2	453	193	36.8	0.0	0.0	0.0	36.8	0.09	0.18	0.20	66.9	120.2	7.3	1.7	1.7	1.7	0.049	3.8	98.3	0.9	99.8	3.3	3.2	0.03	0.09	0.90	0.81	4.15	4.9	0.1	692	139	258	1.05	0.08
MIN	30.4	210	110	20.0	0.0	0.0	0.0	20.0	0.06	0.06	0.00	57.2	92.0	6.9	1.7	1.7	1.7	0.049	1.9	96.6	0.9	99.8	2.5	2.5	0.02	0.09	0.70	0.61	3.22	4.9	0.1	692	139	258	1.05	0.08

ATTACHMENT A: DAILY, WEEKLY, & MONTHLY INFLUENT & EFFLUENT DATA

		INFLUENT			EFFLUENT																																	
		DAILY	WEEKLY		DAILY																WEEKLY										MONTHLY							
		Q Total Influent	TSS	BOD	Q Total Effluent	Q Lower Reuse	Q Upper Reuse	Q Plant Reuse	Q Percolation	Turbidity Avg	Turbidity Max	Turbidity > 0.2	UVT	UV Dose	pH	Total Coliform	Total Coliform	Fecal Coliform	Resid Cl2	BOD	BOD Removal	TSS	TSS Removal	NOx-N	NO3-N	NO2-N	NH3-N	TKN	Organic-N	Total-N	Oil & Grease	Total-P	TDS	Sulfate	Chloride	Boron	MBAS
Units		kgpd	mg/L	mg/L	kgpd	kgpd	kgpd	kgpd	kgpd	ntu	ntu	%	%	mJ/cm2	units	mpn	mpn	mpn	mg/L	mg/L	%	mg/L	%	mg/L	mg/L	mg/L	mpn	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Limit 1		191			191				50	0.2	0.5	5	65	80	6.5		2.2			20	85	15	85	8	8	1				10		2,000	500	500	2	0.5
Limit 2															8.5	23	7 day			30		40								15							
Limit 3																240	med			45		45															
08/01/2018	Wed	39.8			49.0	0.0	0.0	0.0	49.0	0.07	0.17	0.00	73.8	148.0	7.3	1.7	1.7	1.7	0.049	1.9																		
08/02/2018	Thu	39.2	323	191	48.9	0.0	0.0	0.0	48.9	0.07	0.07	0.00	69.7	127.0	7.2	1.7	1.7	1.7	0.049	1.9	99.0	0.9	99.7	3.8	3.8	0.02	0.09	1.16	1.07	4.96							
08/03/2018	Fri	40.4			48.7	0.0	0.0	0.0	48.7	0.07	0.23	0.10	69.7	129.0	7.6	2.0	1.7	1.7	0.049	3.0																		
08/04/2018	Sat	41.0			50.1	0.0	0.0	0.0	50.1	0.07	0.15	0.00	68.6	121.0	7.5	1.7	1.7	1.7	0.049	14.0																		
08/05/2018	Sun	43.9			48.7	0.0	0.0	0.0	48.7	0.07	0.12	0.00	69.4	109.0	7.4	1.7	1.7	1.7	0.049	16.0																		
08/06/2018	Mon	41.9			48.7	0.0	0.0	0.0	48.7	0.08	0.24	0.10	70.3	133.0	7.2	1.7	1.7	1.7	0.049	5.0																		
08/07/2018	Tue	40.3			37.5	0.0	0.0	0.0	37.5	0.09	0.23	0.20	77.1	112.0	7.4	1.7	1.7	1.7	0.049	1.9																		
08/08/2018	Wed	40.7			47.8	0.0	0.0	0.0	47.8	0.10	0.17	0.00	71.3	129.0	7.4	1.7	1.7	1.7	0.049	2.0																		
08/09/2018	Thu	45.6	208	504	50.8	0.0	0.0	0.0	50.8	0.08	0.17	0.00	69.5	108.0	7.6	1.7	1.7	1.7	0.049	1.9	99.6	1.0	99.5	4.7	4.7	0.02	0.09	0.72	0.63	5.41	4.9	0.0	740	126	215	0.78	0.19
08/10/2018	Fri	51.6			48.7	0.0	0.0	0.0	48.7	0.06	0.13	0.00	66.7	104.8	7.4	1.7	1.7	1.7	0.049	8.0																		
08/11/2018	Sat	49.9			49.6	0.0	0.0	0.0	49.6	0.06	0.13	0.00	63.1	117.7	7.1	1.7	1.7	1.7	0.049	5.0																		
08/12/2018	Sun	52.5			50.1	0.0	0.0	0.0	50.1	0.06	0.10	0.00	60.8	111.5	7.2	1.7	1.7	1.7	0.049	1.9																		
08/13/2018	Mon	58.6			49.8	0.0	0.0	0.0	49.8	0.07	0.15	0.00	62.2	120.1	7.2	1.7	1.7	1.7	0.049	1.9																		
08/14/2018	Tue	51.3			50.1	0.0	0.0	0.0	50.1	0.06	0.15	0.00	64.4	117.5	7.4	1.7	1.7	1.7	0.049	2.0																		
08/15/2018	Wed	49.0	202	474	50.3	0.0	0.0	0.0	50.3	0.06	0.11	0.00	66.8	130.4	7.5	1.7	1.7	1.7	0.049	11.0	97.7	0.9	99.6	1.5	1.5	0.07	0.10	0.77	0.67	2.30							
08/16/2018	Thu	50.7			50.0	0.0	0.0	0.0	50.0	0.06	0.10	0.00	65.3	131.7	7.5	1.7	1.7	1.7	0.049	2.0																		
08/17/2018	Fri	54.7			49.7	0.0	0.0	0.0	49.7	0.06	0.09	0.00	62.4	119.9	7.7	1.7	1.7	1.7	0.049	4.0																		
08/18/2018	Sat	52.8			49.5	0.0	0.0	0.0	49.5	0.07	0.13	0.00	62.7	114.9	7.2	1.7	1.7	1.7	0.049	3.0																		
08/19/2018	Sun	46.0			49.2	0.0	0.0	0.0	49.2	0.08	0.23	0.66	63.2	116.2	7.1	1.7	1.7	1.7	0.049	1.9																		
08/20/2018	Mon	49.2			49.5	0.0	0.0	0.0	49.5	0.09	0.24	1.22	64.1	128.2	7.3	1.7	1.7	1.7	0.049	1.9																		
08/21/2018	Tue	48.6			50.4	0.0	0.0	0.0	50.4	0.07	0.23	0.10	64.9	123.2	7.2	1.7	1.7	1.7	0.049	8.0																		
08/22/2018	Wed	47.7			50.4	0.0	0.0	0.0	50.4	0.08	0.22	0.41	65.1	110.0	7.2	1.7	1.7	1.7	0.049	2.0																		
08/23/2018	Thu	43.6	251	795	50.3	0.0	0.0	0.0	50.3	0.10	0.25	2.34	65.9	141.2	6.8	1.7	1.7	1.7	0.049	3.0	99.6	0.9	99.6	1.8	1.6	0.19	0.36	0.79	0.43	2.55							
08/24/2018	Fri	40.3			50.2	0.0	0.0	0.0	50.2	0.13	0.25	6.16	65.2	143.5	7.4	1.7	1.7	1.7	0.049	1.9																		
08/25/2018	Sat	40.8			50.1	0.0	0.0	0.0	50.1	0.11	0.25	2.09	65.0	141.0	7.6	1.7	1.7	1.7	0.049	1.9																		
08/26/2018	Sun	40.3			50.0	0.0	0.0	0.0	50.0	0.10	0.25	3.67	65.2	142.8	7.2	1.7	1.7	1.7	0.049	1.9																		
08/27/2018	Mon	40.8			49.9	0.0	0.0	0.0	49.9	0.10	0.25	2.04	65.9	145.2	7.2	1.7	1.7	1.7	0.049	1.9																		
08/28/2018	Tue	40.3			48.0	0.0	0.0	0.0	48.0	0.07	0.24	0.20	66.0	120.9	7.4	1.7	1.7	1.7	0.049	1.9																		
08/29/2018	Wed	41.3			27.7	0.0	0.0	0.0	27.7	0.07	0.25	0.25	65.9	102.3	7.1	1.7	1.7	1.7	0.049	1.9																		
08/30/2018	Thu	40.5	166	399	27.8	0.0	0.0	0.0	27.8	0.06	0.25	0.31	66.8	132.7	7.4	1.7	1.7	1.7	0.049	1.9	99.5	0.9	99.5	5.2	5.1	0.09	0.12	0.56	0.44	5.77							
08/31/2018	Fri	44.8			29.8	0.0	0.0	0.0	29.8	0.06	0.20	0.10	67.0	161.0	7.4	1.7	1.7	1.7	0.049	13.0																		
TOTAL		1,408			1,461	0	0	0	1,461																													
MAX		58.6	323	795	50.8	0.0	0.0	0.0	50.8	0.13	0.25	6.16	77.1	161.0	7.7	2.0	1.7	1.7	0.049	16.0	99.6	1.0	99.7	5.2	5.1	0.19	0.36	1.16	1.07	5.77	4.9	0.0	740	126	215	0.78	0.19
AVG		45.4	230	473	47.1	0.0	0.0	0.0	47.1	0.08	0.19	0.64	66.6	125.6	7.3	1.7	1.7	1.7	0.049	4.2	99.1	0.9	99.6	3.4	3.3	0.08	0.15	0.80	0.65	4.20	4.9	0.0	740	126	215	0.78	0.19
MIN		39.2	166	191	27.7	0.0	0.0	0.0	27.7	0.06	0.07	0.00	60.8	102.3	6.8	1.7	1.7	1.7	0.049	1.9	97.7	0.9	99.5	1.5	1.5	0.02	0.09	0.56	0.43	2.30	4.9	0.0	740	126	215	0.78	0.19

ATTACHMENT A: DAILY, WEEKLY, & MONTHLY INFLUENT & EFFLUENT DATA

	INFLUENT			EFFLUENT																																
	DAILY	WEEKLY		DAILY																WEEKLY										MONTHLY						
	Q Total Influent	TSS	BOD	Q Total Effluent	Q Lower Reuse	Q Upper Reuse	Q Plant Reuse	Q Percolation	Turbidity Avg	Turbidity Max	Turbidity > 0.2	UVT	UV Dose	pH	Total Coliform	Total Coliform	Fecal Coliform	Resid Cl2	BOD	BOD Removal	TSS	TSS Removal	NOx-N	NO3-N	NO2-N	NH3-N	TKN	Organic-N	Total-N	Oil & Grease	Total-P	TDS	Sulfate	Chloride	Boron	MBAS
Units	kgpd	mg/L	mg/L	kgpd	kgpd	kgpd	kgpd	kgpd	ntu	ntu	%	%	mJ/cm2	units	mpn	mpn	mpn	mg/L	mg/L	%	mg/L	%	mg/L	mg/L	mg/L	mpn	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Limit 1	191			191				50	0.2	0.5	5	65	80	6.5		2.2			20	85	15	85	8	8	1					10		2,000	500	500	2	0.5
Limit 2														8.5	23	7 day			30		40									15						
Limit 3															240	med			45		45															
09/01/2018	Sat	42.6			37.4	0.0	0.0	0.0	37.4	0.06	0.18	0.00	66.8	147.6	7.3	1.7	1.7	1.7	0.049	1.9																	
09/02/2018	Sun	42.3			37.6	0.0	0.0	0.0	37.6	0.06	0.14	0.00	67.5	136.9	7.3	1.7	1.7	1.7	0.049	1.9																	
09/03/2018	Mon	44.2			37.7	0.0	0.0	0.0	37.7	0.07	0.20	0.05	68.0	114.5	7.4	1.7	1.7	1.7	0.049	1.9																	
09/04/2018	Tue	39.0			37.5	0.0	0.0	0.0	37.5	0.07	0.14	0.00	68.1	128.2	8.2	1.7	1.7	1.7	0.049	1.9																	
09/05/2018	Wed	39.1			37.2	0.0	0.0	0.0	37.2	0.07	0.23	0.05	70.2	179.5	7.4	1.7	1.7	1.7	0.049	1.9																	
09/06/2018	Thu	42.3	180	612	49.2	0.0	0.0	0.0	49.2	0.05	0.14	0.00	67.7	108.0	6.8	1.7	1.7	1.7	0.049	14.0	97.7	4.0	97.8	4.6	4.5	0.02	0.12	1.00	0.88	5.56							
09/07/2018	Fri	40.5			49.5	0.0	0.0	0.0	49.5	0.06	0.17	0.00	66.3	108.7	6.8	1.7	1.7	1.7	0.049	1.9																	
09/08/2018	Sat	42.3			49.7	0.0	0.0	0.0	49.7	0.06	0.15	0.00	66.1	115.1	7.4	1.7	1.7	1.7	0.049	2.0																	
09/09/2018	Sun	39.1			49.5	0.0	0.0	0.0	49.5	0.06	0.14	0.00	66.1	107.9	7.4	1.7	1.7	1.7	0.049	1.9																	
09/10/2018	Mon	42.5			49.5	0.0	0.0	0.0	49.5	0.06	0.17	0.00	66.6	115.5	7.2	1.7	1.7	1.7	0.049	1.9																	
09/11/2018	Tue	41.6			51.5	0.0	0.0	0.0	51.5	0.06	0.21	0.05	66.7	111.7	7.4	1.7	1.7	1.7	0.049	1.9																	
09/12/2018	Wed	42.2			49.1	0.0	0.0	0.0	49.1	0.06	0.21	0.05	66.6	108.3	7.2	1.7	1.7	1.7	0.049	1.9																	
09/13/2018	Thu	43.2	241	285	44.6	0.0	0.0	0.0	44.6	0.06	0.11	0.00	66.6	105.1	7.0	1.7	1.7	1.7	0.049	13.0	95.4	0.9	99.6	4.4	4.4	0.02	0.09	0.60	0.51	5.01							
09/14/2018	Fri	40.9			44.6	0.0	0.0	0.0	44.6	0.06	0.13	0.00	66.1	98.4	SE	SE	1.7	1.7	SE	SE											4.9	0.2	684	124	167	1.18	0.19
09/15/2018	Sat	45.9			44.4	0.0	0.0	0.0	44.4	0.06	0.14	0.00	65.7	119.9	7.4	2.0	1.7	1.7	0.049	3.0																	
09/16/2018	Sun	39.5			44.6	0.0	0.0	0.0	44.6	0.05	0.14	0.00	66.1	139.8	7.1	1.7	1.7	1.7	0.049	15.0																	
09/17/2018	Mon	41.5			44.7	0.0	0.0	0.0	44.7	0.05	0.23	0.10	67.0	155.0	7.3	1.7	1.7	1.7	0.049	13.0																	
09/18/2018	Tue	41.9			44.5	0.0	0.0	0.0	44.5	0.05	0.22	0.10	67.6	165.8	7.2	1.7	1.7	1.7	0.049	1.9																	
09/19/2018	Wed	42.4			44.8	0.0	0.0	0.0	44.8	0.04	0.21	0.05	66.9	145.2	7.2	1.7	1.7	1.7	0.049	1.9																	
09/20/2018	Thu	40.8	231	556	45.0	0.0	0.0	0.0	45.0	0.05	0.10	0.00	67.1	118.3	7.1	1.7	1.7	1.7	0.049	4.0	99.3	0.9	99.6	3.3	3.3	0.02	0.09	0.68	0.59	4.03							
09/21/2018	Fri	41.7			44.9	0.0	0.0	0.0	44.9	0.04	0.12	0.00	67.9	99.0	7.1	1.7	1.7	1.7	0.049	2.0																	
09/22/2018	Sat	41.3			44.9	0.0	0.0	0.0	44.9	0.05	0.15	0.00	68.6	122.9	7.3	1.7	1.7	1.7	0.049	1.9																	
09/23/2018	Sun	35.4			43.6	0.0	0.0	0.0	43.6	0.05	0.14	0.00	69.9	122.3	7.4	1.7	1.7	1.7	0.049	1.9																	
09/24/2018	Mon	40.8			32.6	0.0	0.0	0.0	32.6	0.05	0.19	0.00	68.7	124.4	7.3	1.7	1.7	1.7	0.049	1.9																	
09/25/2018	Tue	57.8			33.7	0.0	0.0	0.0	33.7	0.05	0.12	0.00	67.2	118.2	7.3	1.7	1.7	1.7	0.049	2.0																	
09/26/2018	Wed	45.1			34.8	0.0	0.0	0.0	34.8	0.05	0.09	0.00	67.7	105.7	7.4	1.7	1.7	1.7	0.049	2.0																	
09/27/2018	Thu	52.5	240	531	38.4	0.0	0.0	0.0	38.4	0.05	0.13	0.00	67.9	108.7	7.6	1.7	1.7	1.7	0.049	1.9	99.6	0.9	99.6	2.5	2.5	0.02	0.09	0.76	0.67	3.23							
09/28/2018	Fri	54.4			46.8	0.0	0.0	0.0	46.8	0.05	0.17	0.00	67.9	104.8	7.2	1.7	1.7	1.7	0.049	1.9																	
09/29/2018	Sat	57.7			48.3	0.0	0.0	0.0	48.3	0.05	0.21	0.10	68.4	137.3	7.4	1.7	1.7	1.7	0.049	7.0																	
09/30/2018	Sun	49.8			48.5	0.0	0.0	0.0	48.5	0.05	0.21	0.05	69.0	196.4	7.3	1.7	1.7	1.7	0.049	1.9																	
TOTAL	1,310			1,309	0	0	0	1,309																												
MAX	57.8	241	612	51.5	0.0	0.0	0.0	51.5	0.07	0.23	0.10	70.2	196.4	8.2	2.0	1.7	1.7	0.049	15.0	99.6	4.0	99.6	4.6	4.5	0.02	0.12	1.00	0.88	5.56	4.9	0.2	684	124	167	1.18	0.19
AVG	43.7	223	496	43.6	0.0	0.0	0.0	43.6	0.05	0.16	0.02	67.4	125.6	7.3	1.7	1.7	1.7	0.049	3.8	98.0	1.7	99.2	3.7	3.7	0.02	0.10	0.76	0.66	4.46	4.9	0.2	684	124	167	1.18	0.19
MIN	35.4	180	285	32.6	0.0	0.0	0.0	32.6	0.04	0.09	0.00	65.7	98.4	6.8	1.7	1.7	1.7	0.049	1.9	95.4	0.9	97.8	2.5	2.5	0.02	0.09	0.60	0.51	3.23	4.9	0.2	684	124	167	1.18	0.19

ATTACHMENT A: DAILY, WEEKLY, & MONTHLY INFLUENT & EFFLUENT DATA

		INFLUENT			EFFLUENT																																	
		DAILY	WEEKLY		DAILY																WEEKLY										MONTHLY							
		Q Total Influent	TSS	BOD	Q Total Effluent	Q Lower Reuse	Q Upper Reuse	Q Plant Reuse	Q Percolation	Turbidity Avg	Turbidity Max	Turbidity > 0.2	UVT	UV Dose	pH	Total Coliform	Total Coliform	Fecal Coliform	Resid Cl2	BOD	BOD Removal	TSS	TSS Removal	NOx-N	NO3-N	NO2-N	NH3-N	TKN	Organic-N	Total-N	Oil & Grease	Total-P	TDS	Sulfate	Chloride	Boron	MBAS
	Units	kgpd	mg/L	mg/L	kgpd	kgpd	kgpd	kgpd	kgpd	ntu	ntu	%	%	mJ/cm2	units	mpn	mpn	mpn	mg/L	mg/L	%	mg/L	%	mg/L	mg/L	mg/L	mpn	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
	Limit 1	191			191				50	0.2	0.5	5	65	80	6.5		2.2			20	85	15	85	8	8	1					10		2,000	500	500	2	0.5
	Limit 2														8.5	23	7 day			30		40									15						
	Limit 3															240	med			45		45															
10/01/2018	Mon	51.1			48.4	0.0	0.0	0.0	48.4	0.05	0.38	0.41	69.0	200.0	7.4	1.7	1.7	1.7	0.049	1.9																		
10/02/2018	Tue	54.7			48.7	0.0	0.0	0.0	48.7	0.05	0.36	0.31	67.5	200.0	7.3	1.7	1.7	1.7	0.049	4.0																		
10/03/2018	Wed	55.9			51.2	0.0	0.0	0.0	51.2	0.05	0.44	0.51	66.3	200.0	7.3	1.7	1.7	1.7	0.049	7.0																		
10/04/2018	Thu	60.6	184	441	48.8	0.0	0.0	0.0	48.8	0.06	0.11	0.00	64.7	200.0	7.6	1.7	1.7	1.7	0.049	1.9	99.6	0.9	99.5	1.6	1.6	0.02	0.09	0.95	0.86	2.58							
10/05/2018	Fri	60.9			48.3	0.0	0.0	0.0	48.3	0.05	0.10	0.00	66.4	200.0	7.5	1.7	1.7	1.7	0.049																		
10/06/2018	Sat	62.1			47.9	0.0	0.0	0.0	47.9	0.05	0.14	0.00	68.8	200.0	7.4	1.7	1.7	1.7	0.049																		
10/07/2018	Sun	54.1			47.5	0.0	0.0	0.0	47.5	0.05	0.19	0.00	70.0	200.0	7.4	1.7	1.7	1.7	0.049																		
10/08/2018	Mon	50.9			47.0	0.0	0.0	0.0	47.0	0.05	0.22	0.10	69.9	200.0	7.2	1.7	1.7	1.7	0.049																		
10/09/2018	Tue	50.0			46.9	0.0	0.0	0.0	46.9	0.05	0.33	0.31	70.0	200.0	7.4	1.7	1.7	1.7	3.800																		
10/10/2018	Wed	47.9			47.3	0.0	0.0	0.0	47.3	0.05	0.33	0.10	70.0	200.0	7.2	1.7	1.7	1.7	0.049																		
10/11/2018	Thu	49.9			47.3	0.0	0.0	0.0	47.3	0.05	0.45	0.25	70.0	200.0	7.8	1.7	1.7	1.7	0.060																		
10/12/2018	Fri	53.2			47.7	0.0	0.0	0.0	47.7	0.06	0.13	0.00	70.1	199.9	7.1	1.7	1.7	1.7	0.049																		
10/13/2018	Sat	54.9			47.1	0.0	0.0	0.0	47.1	0.06	0.15	0.00	67.3	199.9	7.4	1.7	1.7	1.7	0.049																		
10/14/2018	Sun	53.3			46.1	0.0	0.0	0.0	46.1	0.06	0.15	0.00	66.8	200.0	7.2	1.7	1.7	1.7	0.049																		
10/15/2018	Mon	39.1			43.7	0.0	0.0	0.0	43.7	0.05	0.22	0.05	67.9	200.0	7.1	1.7	1.7	1.7	0.049																		
10/16/2018	Tue	52.4			45.1	0.0	0.0	0.0	45.1	0.05	0.14	0.00	68.4	200.0	7.7	2.0	1.7	1.7	0.049	13.0	93.8	0.9	99.0	1.7	1.7	0.03	0.09	0.89	0.80	2.61	4.9	0.5	692	118	203	0.34	0.19
10/17/2018	Wed	50.9			43.3	0.0	0.0	0.0	43.3	0.05	0.19	0.00	68.1	200.0	6.9	1.7	1.7	1.7	0.049																		
10/18/2018	Thu	50.3	91	208	37.9	0.0	0.0	0.0	37.9	0.05	0.26	0.05	68.9	200.0	7.4	2.0	1.7	1.7	0.049																		
10/19/2018	Fri	53.6			38.2	0.0	0.0	0.0	38.2	0.04	0.12	0.00	70.0	200.0	7.5	4.0	1.7	1.7	0.049																		
10/20/2018	Sat	58.6			38.2	0.0	0.0	0.0	38.2	0.04	0.15	0.00	71.0	200.0	7.4	4.5	2.0	1.7	0.049																		
10/21/2018	Sun	52.7			37.9	0.0	0.0	0.0	37.9	0.04	0.29	0.20	71.4	200.0	7.4	2.0	2.0	1.7	0.049																		
10/22/2018	Mon	53.0			37.4	0.0	0.0	0.0	37.4	0.04	0.34	0.20	71.6	200.0	7.5	4.0	2.0	1.7	0.049																		
10/23/2018	Tue	50.8			37.1	0.0	0.0	0.0	37.1	0.04	0.10	0.00	70.3	200.0	7.3	1.8	2.0	1.7	0.049																		
10/24/2018	Wed	52.7	212	327	36.9	0.0	0.0	0.0	36.9	0.04	0.21	0.05	69.4	200.0	7.5	1.8	2.0	1.7	0.049	1.9	99.4	0.9	99.6	2.8	2.7	0.05	0.12	0.78	0.66	3.53							
10/25/2018	Thu	53.7			37.3	0.0	0.0	0.0	37.3	0.04	0.09	0.00	69.1	200.0	7.5	2.0	2.0	1.7	0.049																		
10/26/2018	Fri	59.4			37.1	0.0	0.0	0.0	37.1	0.04	0.07	0.00	69.5	200.0	7.4	1.7	2.0	1.7	0.049																		
10/27/2018	Sat	61.6			37.4	0.0	0.0	0.0	37.4	0.04	0.08	0.00	69.8	200.0	7.4	1.7	1.8	1.7	0.049																		
10/28/2018	Sun	53.6			53.4	0.0	0.0	0.0	53.4	0.04	0.09	0.00	68.8	200.0	7.6	1.7	1.8	1.7	0.049																		
10/29/2018	Mon	52.2			49.2	0.0	0.0	0.0	49.2	0.04	0.30	0.36	68.5	200.0	7.3	1.7	1.7	1.7	0.049																		
10/30/2018	Tue	52.1	127	382	42.0	0.0	0.0	0.0	42.0	0.04	0.08	0.00	68.0	AE	7.8	2.0	1.7	1.7	0.049	3.0	99.2	1.0	99.2	2.8	2.8	0.04	0.09	0.96	0.87	3.80							
10/31/2018	Wed	49.2			43.9	0.0	0.0	0.0	43.9	0.04	0.44	0.25	68.1	AE	7.4	1.7	1.7	1.7	0.049																		
TOTAL		1,606			1,322	0	0	0	1,322																													
MAX		62.1	212	441	53.4	0.0	0.0	0.0	53.4	0.06	0.45	0.51	71.6	200.0	7.8	4.5	2.0	1.7	3.800	13.0	99.6	1.0	99.6	2.8	2.8	0.05	0.12	0.96	0.87	3.80	4.9	0.5	692	118	203	0.34	0.19
AVG		53.5	154	340	44.1	0.0	0.0	0.0	44.1	0.05	0.21	0.10	68.9	200.0	7.4	2.0	1.8	1.7	0.174	4.7	98.0	0.9	99.3	2.2	2.2	0.03	0.10	0.90	0.80	3.13	4.9	0.5	692	118	203	0.34	0.19
MIN		39.1	91	208	36.9	0.0	0.0	0.0	36.9	0.04	0.07	0.00	64.7	199.9	6.9	1.7	1.7	1.7	0.049	1.9	93.8	0.9	99.0	1.6	1.6	0.02	0.09	0.78	0.66	2.58	4.9	0.5	692	118	203	0.34	0.19

ATTACHMENT A: DAILY, WEEKLY, & MONTHLY INFLUENT & EFFLUENT DATA

	INFLUENT			EFFLUENT																																	
	DAILY	WEEKLY		DAILY																WEEKLY										MONTHLY							
	Q Total Influent	TSS	BOD	Q Total Effluent	Q Lower Reuse	Q Upper Reuse	Q Plant Reuse	Q Percolation	Turbidity Avg	Turbidity Max	Turbidity > 0.2	UVT	UV Dose	pH	Total Coliform	Total Coliform	Fecal Coliform	Resid Cl2	BOD	BOD Removal	TSS	TSS Removal	NOx-N	NO3-N	NO2-N	NH3-N	TKN	Organic-N	Total-N	Oil & Grease	Total-P	TDS	Sulfate	Chloride	Boron	MBAS
Units	kgpd	mg/L	mg/L	kgpd	kgpd	kgpd	kgpd	kgpd	ntu	ntu	%	%	mJ/cm2	units	mpn	mpn	mpn	mg/L	mg/L	%	mg/L	%	mg/L	mg/L	mg/L	mpn	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Limit 1	191			191				50	0.2	0.5	5	65	80	6.5		2.2			20	85	15	85	8	8	1					10		2,000	500	500	2	0.5
Limit 2														8.5	23	7 day			30		40									15						
Limit 3															240	med			45		45																
11/01/2018	Thu	50.8			42.8	0.0	0.0	0.0	42.8	0.05	0.09	0.00	67.5	AE	6.9	1.7	1.7	1.7	0.049																		
11/02/2018	Fri	53.3			44.2	0.0	0.0	0.0	44.2	0.05	0.11	0.00	67.1	94.1	7.8	1.7	1.7	1.7	0.049																		
11/03/2018	Sat	53.5			43.9	0.0	0.0	0.0	43.9	0.05	0.08	0.00	67.1	90.9	7.5	1.7	1.7	1.7	0.049																		
11/04/2018	Sun	49.2			42.5	0.0	0.0	0.0	42.5	0.04	0.09	0.00	67.5	88.1	7.5	1.7	1.7	1.7	0.049																		
11/05/2018	Mon	52.1			47.0	0.0	0.0	0.0	47.0	0.04	0.10	0.00	67.8	85.9	8.0	1.7	1.7	1.7	0.049																		
11/06/2018	Tue	48.3	259	891	47.8	0.0	0.0	0.0	47.8	0.04	0.41	0.15	67.7	83.0	7.6	1.7	1.7	1.7	0.049	1.9	99.8	0.9	99.7	3.1	3.1	0.04	0.09	0.65	0.56	3.75							
11/07/2018	Wed	52.1			49.3	0.0	0.0	0.0	49.3	0.04	0.09	0.00	67.6	78.9	7.4	1.7	1.7	1.7	0.049																		
11/08/2018	Thu	45.6			50.1	0.0	0.0	0.0	50.1	0.04	0.07	0.00	67.5	81.0	7.5	1.7	1.7	1.7	0.049																		
11/09/2018	Fri	16.6			28.1	0.0	0.0	0.0	28.1	0.04	0.30	0.15	66.1	83.5	NS	NS	NS	NS	NS																		
11/10/2018	Sat	14.7			14.6	0.0	0.0	0.0	14.6	0.04	0.21	0.05	68.3	85.4	NS	NS	NS	NS	NS																		
11/11/2018	Sun	17.5			13.0	0.0	0.0	0.0	13.0	0.04	0.09	0.00	68.7	85.0	NS	NS	NS	NS	NS																		
11/12/2018	Mon	18.3			13.0	0.0	0.0	0.0	13.0	0.04	0.34	0.10	69.0	85.4	NS	NS	NS	NS	NS																		
11/13/2018	Tue	18.0			12.6	0.0	0.0	0.0	12.6	0.04	0.09	0.00	69.3	83.8	NS	NS	NS	NS	NS																		
11/14/2018	Wed	27.1			12.8	0.0	0.0	0.0	12.8	0.04	0.41	0.10	71.5	89.4	NS	NS	NS	NS	NS																		
11/15/2018	Thu	21.2			12.6	0.0	0.0	0.0	12.6	0.04	0.19	0.00	70.2	84.7	NS	NS	NS	NS	NS																		
11/16/2018	Fri	26.5			13.1	0.0	0.0	0.0	13.1	0.05	0.30	3.82	70.6	87.7	NS	NS	NS	NS	NS																		
11/17/2018	Sat	38.6			12.1	0.0	0.0	0.0	12.1	0.04	0.05	0.00	71.8	85.0	NS	NS	NS	NS	NS																		
11/18/2018	Sun	35.7			13.3	0.0	0.0	0.0	13.3	0.04	0.05	0.00	72.2	84.9	NS	NS	NS	NS	NS																		
11/19/2018	Mon	28.7			11.5	0.0	0.0	0.0	11.5	0.04	0.11	0.00	72.3	84.7	NS	NS	NS	NS	NS																		
11/20/2018	Tue	49.1			7.6	0.0	0.0	0.0	7.6	0.04	0.17	0.00	71.0	83.9	7.5	1.7	1.7	1.7	0.049																		
11/21/2018	Wed	49.8	287	433	29.5	0.0	0.0	0.0	29.5	0.04	0.08	0.00	69.1	77.0	7.0	1.7	1.7	1.7	0.049	1.9	99.6	0.9	99.7	5.7	5.6	0.08	0.46	0.90	0.44	6.60							
11/22/2018	Thu	42.3			29.8	0.0	0.0	0.0	29.8	0.04	0.07	0.00	65.1	64.1	7.6	1.7	1.7	1.7	0.049																		
11/23/2018	Fri	52.1			30.0	0.0	0.0	0.0	30.0	0.04	0.33	0.05	65.6	66.2	7.6	1.7	1.7	1.7	0.049																4.9	1.8	752	111	169	0.46	0.34
11/24/2018	Sat	48.1			30.2	0.0	0.0	0.0	30.2	0.04	0.07	0.00	66.6	64.6	7.5	1.7	1.7	1.7	0.049																		
11/25/2018	Sun	46.3			30.0	0.0	0.0	0.0	30.0	0.04	0.09	0.00	67.4	68.8	7.5	1.7	1.7	1.7	0.049																		
11/26/2018	Mon	23.8			30.1	0.0	0.0	0.0	30.1	0.04	0.35	0.15	67.6	69.7	7.5	1.7	1.7	1.7	0.049																		
11/27/2018	Tue	42.9	117	526	29.9	0.0	0.0	0.0	29.9	0.05	0.11	0.00	67.4	68.5	7.5	1.7	1.7	1.7	0.049	1.9	99.6	0.9	99.2	1.9	1.9	0.02	0.32	0.80	0.48	2.71							
11/28/2018	Wed	47.9			29.9	0.0	0.0	0.0	29.9	0.05	0.11	0.00	70.3	67.4	7.6	1.7	1.7	1.7	0.049																		
11/29/2018	Thu	35.2			29.9	0.0	0.0	0.0	29.9	0.05	0.46	0.10	64.6	63.7	7.6	1.7	1.7	1.7	0.049																		
11/30/2018	Fri	56.1			29.8	0.0	0.0	0.0	29.8	0.05	0.09	0.00	65.1	65.3	7.6	1.7	1.7	1.7	0.049																		
TOTAL	1,161			831	0	0	0	831																													
MAX	56.1	287	891	50.1	0.0	0.0	0.0	50.1	0.05	0.46	3.82	72.3	94.1	8.0	1.7	1.7	1.7	0.049	1.9	99.8	0.9	99.7	5.7	5.6	0.08	0.46	0.90	0.56	6.60	4.9	1.8	752	111	169	0.46	0.34
AVG	38.7	221	617	27.7	0.0	0.0	0.0	27.7	0.04	0.17	0.16	68.3	79.3	7.5	1.7	1.7	1.7	0.049	1.9	99.7	0.9	99.5	3.6	3.5	0.05	0.29	0.78	0.49	4.35	4.9	1.8	752	111	169	0.46	0.34
MIN	14.7	117	433	7.6	0.0	0.0	0.0	7.6	0.04	0.05	0.00	64.6	63.7	6.9	1.7	1.7	1.7	0.049	1.9	99.6	0.9	99.2	1.9	1.9	0.02	0.09	0.65	0.44	2.71	4.9	1.8	752	111	169	0.46	0.34

ATTACHMENT A: DAILY, WEEKLY, & MONTHLY INFLUENT & EFFLUENT DATA

	INFLUENT			EFFLUENT																																	
	DAILY	WEEKLY		DAILY																WEEKLY										MONTHLY							
	Q Total Influent	TSS	BOD	Q Total Effluent	Q Lower Reuse	Q Upper Reuse	Q Plant Reuse	Q Percolation	Turbidity Avg	Turbidity Max	Turbidity > 0.2	UVT	UV Dose	pH	Total Coliform	Total Coliform	Fecal Coliform	Resid Cl2	BOD	BOD Removal	TSS	TSS Removal	NOx-N	NO3-N	NO2-N	NH3-N	TKN	Organic-N	Total-N	Oil & Grease	Total-P	TDS	Sulfate	Chloride	Boron	MBAS
Units	kgpd	mg/L	mg/L	kgpd	kgpd	kgpd	kgpd	kgpd	ntu	ntu	%	%	mJ/cm2	units	mpn	mpn	mpn	mg/L	mg/L	%	mg/L	%	mg/L	mg/L	mg/L	mpn	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Limit 1	191			191				50	0.2	0.5	5	65	80	6.5		2.2			20	85	15	85	8	8	1					10		2,000	500	500	2	0.5
Limit 2														8.5	23	7 day			30		40									15						
Limit 3															240	med			45		45																
12/01/2018	Sat	55.4			29.6	0.0	0.0	0.0	29.6	0.05	0.09	0.00	66.8	69.0	7.4	1.7	1.7	1.7	0.049																		
12/02/2018	Sun	49.6			30.1	0.0	0.0	0.0	30.1	0.05	0.10	0.00	67.9	70.4	6.9	1.7	1.7	1.7	0.049																		
12/03/2018	Mon	53.5			41.1	0.0	0.0	0.0	41.1	0.05	0.10	0.00	68.0	71.6	7.7	1.7	1.7	1.7	0.049																		
12/04/2018	Tue	54.1			29.9	0.0	0.0	0.0	29.9	0.04	0.33	0.10	68.0	70.8	7.6	1.7	1.7	1.7	0.049																		
12/05/2018	Wed	51.2	143	475	30.1	0.0	0.0	0.0	30.1	0.03	0.17	0.00	68.0	70.8	7.5	1.7	1.7	1.7	0.049	1.9	99.6	0.9	99.4	2.6	2.4	0.12	0.16	0.90	0.74	3.45	4.9	0.7	636	96	178	0.40	0.19
12/06/2018	Thu	63.2			30.0	0.0	0.0	0.0	30.0	0.03	0.24	0.10	68.0	73.5	7.5	1.7	1.7	1.7	0.049																		
12/07/2018	Fri	53.0			30.0	0.0	0.0	0.0	30.0	0.04	0.05	0.00	68.0	76.4	7.5	1.7	1.7	1.7	0.049																		
12/08/2018	Sat	46.8			30.0	0.0	0.0	0.0	30.0	0.04	0.05	0.00	68.0	75.7	7.5	1.7	1.7	1.7	0.049																		
12/09/2018	Sun	43.5			30.0	0.0	0.0	0.0	30.0	0.04	0.06	0.00	68.0	74.4	7.4	1.7	1.7	1.7	0.049																		
12/10/2018	Mon	48.6	165	496	29.9	0.0	0.0	0.0	29.9	0.04	0.08	0.00	68.0	73.1	7.6	1.7	1.7	1.7	0.049	1.9	99.6	3.0	98.2	2.2	2.2	0.02	0.13	0.73	0.60	2.96							
12/11/2018	Tue	49.8			30.3	0.0	0.0	0.0	30.3	0.04	0.33	0.05	69.6	77.1	7.5	1.7	1.7	1.7	0.049																		
12/12/2018	Wed	51.0			29.8	0.0	0.0	0.0	29.8	0.04	0.09	0.00	71.3	82.7	7.5	1.7	1.7	1.7	0.049																		
12/13/2018	Thu	49.6			37.6	0.0	0.0	0.0	37.6	0.04	0.08	0.00	70.8	80.6	7.5	1.7	1.7	1.7	0.049																		
12/14/2018	Fri	49.7			39.9	0.0	0.0	0.0	39.9	0.04	0.06	0.00	71.7	84.2	7.6	1.7	1.7	1.7	0.049																		
12/15/2018	Sat	49.5			40.0	0.0	0.0	0.0	40.0	0.04	0.07	0.00	71.9	82.4	7.6	1.7	1.7	1.7	0.049																		
12/16/2018	Sun	44.2			39.8	0.0	0.0	0.0	39.8	0.05	0.07	0.00	71.2	78.6	7.5	1.7	1.7	1.7	0.049																		
12/17/2018	Mon	48.6	127	403	40.0	0.0	0.0	0.0	40.0	0.05	0.50	0.10	71.1	76.2	7.6	1.7	1.7	1.7	0.049	1.9	99.5	0.9	99.3	5.9	5.9	0.06	0.14	0.60	0.46	6.51							
12/18/2018	Tue	50.1			39.9	0.0	0.0	0.0	39.9	0.05	0.09	0.00	70.9	73.7	7.5	1.7	1.7	1.7	0.049																		
12/19/2018	Wed	50.1			52.4	0.0	0.0	0.0	52.4	0.05	0.10	0.00	70.7	73.3	7.4	1.7	1.7	1.7	0.049																		
12/20/2018	Thu	51.9			52.0	0.0	0.0	0.0	52.0	0.06	0.30	0.05	70.1	73.6	7.4	1.7	1.7	1.7	0.049																		
12/21/2018	Fri	48.0			41.0	0.0	0.0	0.0	41.0	0.07	0.08	0.00	69.5	70.9	7.4	1.7	1.7	1.7	0.049																		
12/22/2018	Sat	54.4			41.0	0.0	0.0	0.0	41.0	0.08	0.09	0.00	69.2	68.6	7.6	1.7	1.7	1.7	0.049																		
12/23/2018	Sun	41.3			41.2	0.0	0.0	0.0	41.2	0.08	0.09	0.00	68.9	65.8	7.5	1.7	1.7	1.7	0.049																		
12/24/2018	Mon	46.0	452	545	41.4	0.0	0.0	0.0	41.4	0.07	0.36	0.25	68.8	65.5	7.3	1.7	1.7	1.7	0.049	1.9	99.7	0.9	99.8	1.9	1.8	0.02	0.21	0.97	0.76	2.83							
12/25/2018	Tue	24.9			40.8	0.0	0.0	0.0	40.8	0.08	0.14	0.00	68.5	64.0	7.3	1.7	1.7	1.7	0.049																		
12/26/2018	Wed	50.0			40.9	0.0	0.0	0.0	40.9	0.07	0.38	0.15	69.3	70.3	7.5	1.7	1.7	1.7	0.049																		
12/27/2018	Thu	51.1			40.8	0.0	0.0	0.0	40.8	0.07	0.11	0.00	67.9	60.3	7.2	1.7	1.7	1.7	0.049																		
12/28/2018	Fri	51.3			40.9	0.0	0.0	0.0	40.9	0.08	0.11	0.00	68.7	61.4	7.6	1.7	1.7	1.7	0.049																		
12/29/2018	Sat	51.1			40.6	0.0	0.0	0.0	40.6	0.08	0.09	0.00	68.7	46.2	7.5	1.7	1.7	1.7	0.049																		
12/30/2018	Sun	47.8			40.7	0.0	0.0	0.0	40.7	0.08	0.10	0.00	68.8	46.2	7.5	1.7	1.7	1.7	0.049																		
12/31/2018	Mon	50.8	566	261	40.7	0.0	0.0	0.0	40.7	0.08	0.29	0.05	68.6	45.2	7.6	1.7	1.7	1.7	0.049	1.9	99.3	0.9	99.8	2.7	2.6	0.03	0.26	0.93	0.67	3.60							
TOTAL	1,479			1,122	0	0	0	1,122																													
MAX	63.2	452	545	52.4	0.0	0.0	0.0	52.4	0.08	0.50	0.25	71.9	84.2	7.7	1.7	1.7	1.7	0.049	1.9	99.7	3.0	99.8	5.9	5.9	0.12	0.21	0.97	0.76	6.51	4.9	0.7	636	96	178	0.40	0.19
AVG	49.3	222	480	37.4	0.0	0.0	0.0	37.4	0.05	0.15	0.03	69.2	70.9	7.5	1.7	1.7	1.7	0.049	1.9	99.6	1.4	99.2	3.1	3.1	0.05	0.16	0.80	0.64	3.94	4.9	0.7	636	96	178	0.40	0.19
MIN	24.9	127	403	29.6	0.0	0.0	0.0	29.6	0.03	0.05	0.00	66.8	46.2	6.9	1.7	1.7	1.7	0.049	1.9	99.5	0.9	98.2	1.9	1.8	0.02	0.13	0.60	0.46	2.83	4.9	0.7	636	96	178	0.40	0.19

ATTACHMENT B: QUARTERLY EFF

			Q1	Q2	Q3	Q4	MAX	AVG	MIN
Date				6/26/2018	9/14/2018	10/17/2018			
A1 - Inorganic Chemicals									
Chemical	**MCL**	**Units**							
Aluminum	1	mg/L		0.095	0.083	0.08	0.095	0.086	0.08
Antimony	0.006	mg/L		0.0009	0.0009	0.0009	0.0009	0.0009	0.0009
Arsenic	0.01	mg/L		0.0011	0.001	0.0016	0.0016	0.001233333333	0.001
Asbestos	7	MFL		0.19	0.19	0.19	0.19	0.19	0.19
Barium	1	mg/L		0.017	0.0063	0.0069	0.017	0.01006666667	0.0063
Beryllium	0.004	mg/L		0.00019	0.00019	0.00019	0.00019	0.00019	0.00019
Cadmium	0.005	mg/L		0.00019	0.00019	0.00019	0.00019	0.00019	0.00019
Chromium	0.05	mg/L		0.0056	0.0041	0.0038	0.0056	0.0045	0.0038
Cyanide	0.15	mg/L		0.0049	0.0049	0.009	0.009	0.006266666667	0.0049
Mercury	0.002	mg/L		0.000019	0.19	0.00019	0.19	0.063403	0.000019
Nickel	0.1	mg/L		0.0042	0.0047	0.0052	0.0052	0.0047	0.0042
Selenium	0.05	mg/L		0.0032	0.0029	0.0019	0.0032	0.002666666667	0.0019
Thallium	0.002	mg/L		0.0009	0.0009	0.0009	0.0009	0.0009	0.0009
Perchlorate	0.006	mg/L		0	0	0	0	0	0
Fluoride	2	mg/L		1.05	0.7	0.7	1.05	0.8166666667	0.7
A2 - Radioactivity									
Chemical	**MCL**	**Units**							
Radium-226 + Radium-228	5	pCi/L		0.828	0.688	0.78	0.828	0.7653333333	0.688
Gross Alpha Particle Activity[1]	15	pCi/L		1.21	1.25	1.9	1.9	1.453333333	1.21
		pCi/L							
Tritium	20,000	pCi/L		433	434	434	434	433.6666667	433
Strontium-90	8	pCi/L		0.545	0.546	0.546	0.546	0.5456666667	0.545
Gross Beta Particle Activity	50	pCi/L		1.71	1.26	2.44	2.44	1.803333333	1.26
Uranium	20	pCi/L		0.469	0.342	0.4	0.469	0.4036666667	0.342
A3 - Volatile Organic Chemicals									
Chemical	**MCL**	**Units**							
Benzene	0.001	mg/L		0.00049	0.00049	0.00049	0.00049	0.00049	0.00049
Carbon Tetrachloride (CTC)	0.0005	mg/L		0.00049	0.00049	0.00049	0.00049	0.00049	0.00049
1,2-Dichlorobenzene	0.6	mg/L		0.00049	0.00049	0.00049	0.00049	0.00049	0.00049
1,4-Dichlorobenzene	0.005	mg/L		0.00049	0.00049	0.00049	0.00049	0.00049	0.00049
1, 1-Dichloroethane	0.005	mg/L		0.00049	0.00049	0.00049	0.00049	0.00049	0.00049
1,2-Dichloroethane (1,2-DCA)	0.0005	mg/L		0.00049	0.00049	0.00049	0.00049	0.00049	0.00049
1, 1-Dichloroethene (1, 1-DCE)	0.006	mg/L		0.00049	0.00049	0.00049	0.00049	0.00049	0.00049
Cis-1,2-Dichloroethylene	0.006	mg/L		0.00049	0.00049	0.00049	0.00049	0.00049	0.00049
Trans-1,2-Dichloroethylene	0.01	mg/L		0.00049	0.00049	0.00049	0.00049	0.00049	0.00049
Dichloromethane	0.005	mg/L		0.00049	0.00049	0.00049	0.00049	0.00049	0.00049
1,2-Dichloropropane	0.005	mg/L		0.00049	0.00049	0.00049	0.00049	0.00049	0.00049
1,3-Dichloropropene	0.0005	mg/L		0.00049	0.00049	0.00049	0.00049	0.00049	0.00049
Ethylbenzene	0.3	mg/L		0.00049	0.00049	0.00049	0.00049	0.00049	0.00049
Methyl-tert-butyl-ether (MTBE)	0.013	mg/L		0.00049	0.00049	0.00049	0.00049	0.00049	0.00049
Monochlorobenzene	0.07	mg/L		0.00049	0.00049	0.00049	0.00049	0.00049	0.00049
Styrene	0.1	mg/L		0.00049	0.00049	0.00049	0.00049	0.00049	0.00049

A3 - Non-Volatile Synthetic Organics			Q1	Q2	Q3	Q4	MAX	AVG	MIN
Chemical	**MCL**	**Units**		6/26/2018	9/14/2018	10/17/2018			
Alachlor	0.002	mg/L		0.00019	0.00019	0.00019	0.00019	0.00019	0.00019
Atrazine	0.001	mg/L		0.00019	0.00019	0.00019	0.00019	0.00019	0.00019
Bentazon	0.018	mg/L		0.00019	0.00019	0.00019	0.00019	0.00019	0.00019
Benzo(a)pyrene	0.0002	mg/L		0.000049	0.000049	0.000049	0.000049	0.000049	0.000049
Carbofuran	0.018	mg/L		0.00049	0.00049	0.00049	0.00049	0.00049	0.00049
Chlordane	0.0001	mg/L		0.00009	0.00009	0.00009	0.00009	0.00009	0.00009
2,4-D	0.07	mg/L		0.00019	0.00019	0.00019	0.00019	0.00019	0.00019
Dalapon	0.2	mg/L		0.0019	0.0019	0.00019	0.0019	0.00133	0.00019
1,2-Dibromo-3-chloropropane (DBCP)	0.0002	mg/L		0.000009	0.000009	0.000009	0.000009	0.000009	0.000009
Di(2-ethylhexyl)adipate	0.4	mg/L		0.0019	0.0019	0.0019	0.0019	0.0019	0.0019
Di(2-ethylhexyl)phthalate	0.004	mg/L		0.0019	0.0019	0.0019	0.0019	0.0019	0.0019
Dinoseb	0.007	mg/L		0.00019	0.00019	0.00019	0.00019	0.00019	0.00019
Diquat	0.02	mg/L		0	0	0	0	0	0
Endothall	0.1	mg/L		0	0	0	0	0	0
Endrin	0.002	mg/L		0.000009	0.000009	0.000009	0.000009	0.000009	0.000009
Ethylene Dibromide (EDB)	0.00005	mg/L		0.000019	0.000019	0.000019	0.000019	0.000019	0.000019
Glyphosate	0.7	mg/L		0	0	0	0	0	0
Heptachlor	0.00001	mg/L		0.000009	0.000009	0.000009	0.000009	0.000009	0.000009
Heptachlor Epoxide	0.00001	mg/L		0.000009	0.000009	0.000009	0.000009	0.000009	0.000009
Hexachlorobenzene	0.001	mg/L		0.00049	0.00049	0.00049	0.00049	0.00049	0.00049
Hexachlorocyclopentadiene	0.05	mg/L		0.0009	0.0009	0.0009	0.0009	0.0009	0.0009
lindane	0.0002	mg/L		0.000009	0.000009	0.000009	0.000009	0.000009	0.000009
Methoxychlor	0.03	mg/L		0.000049	0.000049	0.000049	0.000049	0.000049	0.000049
Molinate	0.02	mg/L		0.00019	0.00019	0.00019	0.00019	0.00019	0.00019
Oxamyl	0.05	mg/L		0.0009	0.0009	0.0009	0.0009	0.0009	0.0009
Pentachlorophenol	0.001	mg/L		0.00019	0.00019	0.00019	0.00019	0.00019	0.00019
Picloram	0.5	mg/L		0.00019	0.00019	0.00019	0.00019	0.00019	0.00019
Polychlorinated Biphenyls	0.0005	mg/L		0.00049	0.00049	0.00049	0.00049	0.00049	0.00049
Simazine	0.004	mg/L		0.00019	0.00019	0.00019	0.00019	0.00019	0.00019
Thiobencarb	0.07	mg/L		0.00019	0.00019	0.00019	0.00019	0.00019	0.00019
Toxaphene	0.003	mg/L		0.00049	0.00049	0.00049	0.00049	0.00049	0.00049
2,3,7,8-TCDD (Dioxin)	3x10-a	mg/L		0	0.00000000196	0.00000000433	0.00000000433	0.000000002096666667	0
2,4,5-TP (Silvex)	0.05	mg/L		0.00019	0.00019	0.00019	0.00019	0.00019	0.00019
A4 - Disinfection Byproducts									
Chemical	**MCL**	**Units**							
Total Trihalomethanes (TTHM)	0.08	ppb		0.00049	0.00049	0.00049	0.00049	0.00049	0.00049
Bromodichloromethane				0.00049	0.00049	0.00049	0.00049	0.00049	0.00049
Bromoform				0.00049	0.00049	0.00049	0.00049	0.00049	0.00049
Chloroform				0.00049	0.00049	0.0014	0.0014	0.0007933333333	0.00049
Dibromochloromethane				0.00049	0.00049	0.00049	0.00049	0.00049	0.00049
Haloacetic acid (five) (HAA5)	0.06	ppb		34.9	51.1	53	53	46.33333333	34.9
Monochloroacetic acid		ppb		0.9	7.5	1.5	7.5	3.3	0.9
Dichloroacetic acid		ppb		0.9	0.9	0.9	0.9	0.9	0.9
Trichloroacetic acid		ppb		0.9	0.9	0.9	0.9	0.9	0.9

ATTACHMENT B: QUARTERLY EFF

			Q1	Q2	Q3	Q4	MAX	AVG	MIN
1,1,2,2-Tetrachloroethane	0.001	mg/L		0.00049	0.00049	0.00049	0.00049	0.00049	0.00049
Tetrachloroethylene (PCE)	0.005	mg/L		0.00049	0.00049	0.00049	0.00049	0.00049	0.00049
Toluene	0.15	mg/L		0.00049	0.00049	0.00049	0.00049	0.00049	0.00049
1,2,4-Trichlorobenzene	0.005	mg/L		0.00049	0.00049	0.00049	0.00049	0.00049	0.00049
1, 1, 1-Trichloroethane	0.2	mg/L		0.00049	0.00049	0.00049	0.00049	0.00049	0.00049
1, 1,2-Trichloroethane	0.005	mg/L		0.00049	0.00049	0.00049	0.00049	0.00049	0.00049
Trichloroethylene (TCE)	0.005	mg/L		0.00049	0.00049	0.00049	0.00049	0.00049	0.00049
Trichlorofluoromethane	0.15	mg/L		0.00049	0.00049	0.00049	0.00049	0.00049	0.00049
1, 1,2-Trichloro-1,2,2-Trifluoroethane	1.2	mg/L		0.00049	0.00049	0.00049	0.00049	0.00049	0.00049
Vinyl Chloride	0.0005	mg/L		0.00049	0.00049	0.00049	0.00049	0.00049	0.00049
Xylene (m,p)	1.75	mg/L		0.00049	0.00049	0.0009	0.0009	0.0006266666667	0.00049
Notes:									
1) Including Radium-226 but Excluding Radon and Uranium)									

A3 - Non-Volatile Synthetic Organics			Q1	Q2	Q3	Q4	MAX	AVG	MIN
Monobromoacetic acid		ppb		3.1	3.6	3.5	3.6	3.4	3.1
Dibromoacetic acid		ppb		31.8	42	48	48	40.6	31.8
Bromate121	0.01	ppb		4.9	4.9	4.9	4.9	4.9	4.9
Chlorite131	1	ppb		19.9	19.9	19.9	19.9	19.9	19.9
A5 - Secondary MCLs									
Chemical	**MCL**	**Units**							
Aluminum	0.2	mg/L		0.95	0.83	0.08	0.95	0.62	0.08
Color	150	CU		29.6	30.9	27.6	30.9	29.36666667	27.6
Copper	1	mg/L		0.0012	0.0024	0.0014	0.0024	0.001666666667	0.0012
Corrosivity	Non			AE	0.27	0.26	0.27	0.265	0.26
Foam Agents (MBAS)	0.5	mg/L		0.19	0.19	0.00019	0.19	0.12673	0.00019
Iron	0.3	mg/L		0.019	0.09	0.00003	0.09	0.03634333333	0.00003
Manganese	0.05	mg/L		0.0034	0.0037	0.0024	0.0037	0.003166666667	0.0024
Methyl-tert-butyl-ether (MTBE)	0.005	mg/L		0.00049	0.00049	0.00049	0.00049	0.00049	0.00049
Odor - Threshold	3	T.O.N.		0.9	0.9	0.9	0.9	0.9	0.9
Silver	0.1	mg/L		0.00019	0.00019	0.00019	0.00019	0.00019	0.00019
Thiobencarb	0.001	mg/L		0.00019	0.00019	0.00019	0.00019	0.00019	0.00019
Zinc	5	mg/L		0.012	0.016	0.0099	0.016	0.01263333333	0.0099

ATTACHMENT D: ANNUAL EFF

Date: 11/7/2018		Units				Units				Units
Antimony	0.9	ug/l		Trichloroethylene	0.9	ug/l		Fluoranthene	1.9	ug/l
Arsenic	1.8	ug/l		Vinyl Chloride	0.9	ug/l		Fluorene	1.9	ug/l
Beryllium	0.19	ug/l		2-Chlorophenol	4.9	ug/l		Hexachlorobenzene	1.9	ug/l
Cadmium	0.19	ug/l		2,4-Dichlorophenol	1.9	ug/l		Hexachlorobutadiene	1.9	ug/l
Chromium (III)	3.2	ug/l		2,4-Dimethylphnol	1.9	ug/l		Hexachlorocyclopentadien	1.9	ug/l
Chromium (VI)	3.3	ug/l		4,6- Dinitro-2-Methylphenol	4.9	ug/l		Hexachloroethane	1.9	ug/l
								Indeno (1,2,3-cd) pyrene	1.9	ug/l
Copper	1.4	ug/l		2,4-Dinitrophenol	1.9	ug/l		Isophorone	1.9	ug/l
Lead	0.19	ug/l		2-Nitrophenol	1.9	ug/l		Naphthalene	1.9	ug/l
Mercury	0.19	ug/l		4-Nitrophenol	9	ug/l		Nitrobenzene	1.9	ug/l
Nickel	4.9	ug/l		4-Chloro-3-Methylphenol	4.9	ug/l		N-nitrosodimethylamine	1.9	ug/l
Selenium	2	ug/l		Pentachlorophenol	9	ug/l		N-Nitrosodi-N-propylamine	1.9	ug/l
Silver	0.19	ug/l		Phenol	4.9	ug/l		Phenathrene	1.9	ug/l
Thallium	0.19	ug/l		2,4,6-Trichlorophenol	4.9	ug/l		Pyrene	1.9	ug/l
Zinc	16	ug/l		Acenaphthene	1.9	ug/l		1,2,4-Trichlorobenzene	1.9	ug/l
Cyanide	0.007	mg/l		Acenaphthylene	1.9	ug/l		Aldrin	0.0049	ug/l
Asbestos	0.19	mfl						alpha-BHC	0.0049	ug/l
2,3,7,8 TCDD	00000002096666	mg/l		Anthracene	1.9	ug/l		beta-BHC	0.0049	ug/l
Acrolein	1.9	ug/l		Benzidine	4.9	ug/l		gamma-BHC	0.009	ug/l
Acrylonitrile	1.9	ug/l		Benzo (a) pyrene	1.9	ug/l		delta-BHC	0.0049	ug/l
Benzene	0.9	ug/l		Benzo (b) fluoranthene	1.9	ug/l		Chlordane	0.09	ug/l
Bromoform	0.9	ug/l		Benzo (ghi) perylene	1.9	ug/l		4,4'-DDT	0.009	ug/l
Carbon tetrachloride	0.9	ug/l		Benzo (k) fluoranthene	1.9	ug/l		4,4'-DDE	0.009	ug/l
Chlorobenzene	0.9	ug/l		Bis (2-chloroethoxy) Methane	1.9	ug/l		4,4'-DDD	0.009	ug/l
Chlorodibromomethane	0.9	ug/l		Bis (2-chloroethyl) Ether	1.9	ug/l		Dieldrin	0.009	ug/l
Chloroethane	0.9	ug/l		Bis (2-chloroisopropyl) Ether	1.9	ug/l		alpha-Endosulfan	0.009	ug/l
2-Chloroethylvinyl Ether	4.9	ug/l		Bis (2-ethylhexyl) Phthalate	1.9	ug/l		beta-Endosulfan	0.009	ug/l
Chloroform	1	ug/l		4-Bromophenyl Phenyl Ether	1.9	ug/l		Endosulfan Sulfate	0.009	ug/l
Dichlorobromomethane	0.9	ug/l		Butylbenzyl Phthalate	1.9	ug/l		Endrin	0.009	ug/l
								Endrin Aldehyde	0.009	ug/l
1,1 Dichloroethane	0.9	ug/l		2-Chloronaphthalene	1.9	ug/l		Heptachlor	0.009	ug/l
1,2 Dichloroethane	0.9	ug/l		4-Chlorophenyl Phenyl Ether	1.9	ug/l		Heptachlor Epoxide	0.009	ug/l
1,1 Dichloroethylene	0.9	ug/l		Chrysene	1.9	ug/l		PCB (Aroclor-1016)	0.49	ug/l
1,2 Dichloropropane	0.9	ug/l		Dibenzo (ah) anthracene	1.9	ug/l		PCB (Aroclor-1221)	0.49	ug/l
1,3-dichloropropylene	0.9	ug/l		1,2-Dichlorobenzene	1.9	ug/l		PCB (Aroclor-1232)	0.49	ug/l
Ethylbenzene	0.9	ug/l		1,3-Dichlorobenzene	1.9	ug/l		PCB (Aroclor-1242)	0.49	ug/l
Methyl Bromide	1.9	ug/l		1,4-Dichlorobenzene	1.9	ug/l		PCB (Aroclor-1248)	0.49	ug/l
Methyl Chloride	1.9	ug/l		3,3'-Dichlorobenzidine	1.9	ug/l		PCB (Aroclor-1254)	0.49	ug/l
Methylene Chloride	0.9	ug/l		Diethyl Phthalate	1.9	ug/l		PCB (Aroclor-1260)	0.49	ug/l
1,2,2,2-Tetrachloroethane	0.9	ug/l		Dimethyl Phthalate	1.9	ug/l		Toxaphene	0.049	ug/l
Tetrachloroethylene	0.9	ug/l		Di-n-butyl Phthalate	1.9	ug/l				
Toluene	0.9	ug/l		2,4-Dinitrotoluene	4.9	ug/l				
1,2-Trans-Dichloroethylene	0.9	ug/l		2,6-Dinitrotoluene	4.9	ug/l				
1,1,1-Trichloroethane	0.9	ug/l		Di-n-octyl Phthalate	1.9	ug/l				
1,1,2-Trichloroethane	0.9	ug/l		1,2-Diphenylhydrazine	1.9	ug/l				

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

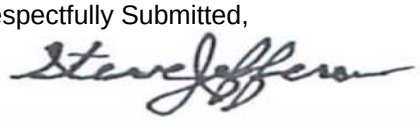
Attention: Ric Vardel
Report Date: 14-May-18 18:24
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18D0619-01) Collected: 28-Apr-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AE80130	2	04-May-18 (AV)	<2 mg/l	
pH	SM4500-H-B	AD83024	0.1	28-Apr-18 (SS)	7.1 pH Units	
Residual Chlorine	SM 4500 Cl-G	AE80132	0.05	28-Apr-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AD82826	1.8	01-May-18 (PL)	240.0 MPN/100 ml	
Total Coliforms	SM 9221B	AD82826	1.8	01-May-18 (PL)	240.0 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 5/14/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18D0619

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: IPC	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	4/28	1045	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.11
"	"	"	1	BOD	Grab	AQ	1L P	4°C	
"	"	4	2	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	Ric Vardel (IPC)	4/28	1056
Received by	Alex Walker Jr (PCL)	4/28/18	1057
Relinquished by			
Received by			
Relinquished by			
Received in lab by	Alex Walker Jr	4/28/18	1250

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Sample Received Checklist

Temperature upon receipt: 4°
# of bottles agrees with COC? (Yes) No
Samples intact? (Yes) No
Samples properly preserved? (Yes) No
Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____
Final Flow _____

Sample Type: (Grab) Comp
Matrix: (AQ - Water) SO - Soil / Sludge, OT - Other
Bottle Type: (P - Plastic) G - Amber Glass, VOA - 40 ml Vial, Coli - bacteria

Preservations: HC - HCl; HS - H_2SO_4; HN - HNO_3; HP - H_3PO_4; OH - NaOH; ST - Sodium Thiosulfate; AA - Ascorbic Acid; Al - $AlCl_3$; Cu - $CuSO_4$

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
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pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

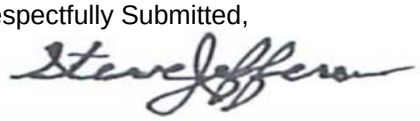
Attention: Ric Vardel
Report Date: 14-May-18 18:27
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18D0624-01) Collected: 29-Apr-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AE80130	2	06-May-18 (AV)	<2 mg/l	
pH	SM4500-H-B	AD83024	0.1	29-Apr-18 (SS)	7.1 pH Units	
Residual Chlorine	SM 4500 Cl-G	AE80132	0.05	29-Apr-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AD82918	1.8	01-May-18 (PL)	350.0 MPN/100 ml	
Total Coliforms	SM 9221B	AD82918	1.8	01-May-18 (PL)	350.0 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 5/14/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18D0624

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: IPC	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field (Lab)
EFF	4/29	1045	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.10
〃	〃	〃	1	BOD	Grab	AQ	1L P	4°C	
〃	〃	〃	2	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Ric Vardel (IPC)	4/29	1045
Received by		Alex Walker Jr (PCL)	4/29	1047
Relinquished by				
Received by				
Relinquished by				
Received in lab by		Alex Walk. Jr (PCL)	4/29/18	1230

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Sample Received Checklist

Temperature upon receipt: 4 °C

# of bottles agrees with COC? (Yes) No

Samples intact? (Yes) No

Samples properly preserved? (Yes) No

Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type: (Grab) Comp

Matrix: AQ - Water; SO - Soil / Sludge; OT - Other

Bottle Type: P - Plastic; G - Amber Glass; VOA - 40 ml Vial; Coli - bacteria

Preservations

HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

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(818) 639-5300 ph
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Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

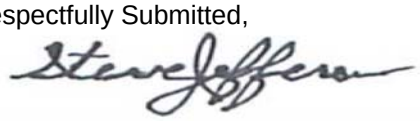
Attention: Ric Vardel
Report Date: 14-May-18 18:29
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18D0639-01) Collected: 30-Apr-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AE80130	2	06-May-18 (AV)	<2 mg/l	
pH	SM4500-H-B	AE80226	0.1	30-Apr-18 (SS)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AE80132	0.05	01-May-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AD83026	1.8	02-May-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AD83026	1.8	02-May-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 5/14/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18D0639

Customer: IPC, Inc.		Project: **(MCC) Daily EFF**	
Address: 9297 Research Drive		Sampled by: Golan Kfir	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field (Lab)
EFF	4/30/18	12:05	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.4 15.0°C
			1	BOD	Grab	AQ	1L P	4°C	
			2	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	Golan Kfir IPC	4/30/18	12:06
Received by	C. Tatum PCL	4/30/18	12:07
Relinquished by			
Received by			
Relinquished by	C. Tatum PCL	4/30/18	13:50
Received in lab by		4/30/18	1350

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC? (Yes) No

Samples intact? (Yes) No

Samples properly preserved? (Yes) No

Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
(Grab)
Comp

Matrix
~~AQ - Water~~
~~SO - Soil / Sludge~~
OT - Other

Bottle Type
~~P - Plastic~~
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments thereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consisting of sampling services and like activities, accessories, analysis and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No additional or additional terms and conditions expressed on a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use accepted methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), EPA Watertown (TCLP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or subcontractors to the client arising out of or in connection with the services to be provided hereon, shall not exceed the invoiced amount for the services rendered hereunder. Notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel perform the sampling, the client shall be responsible for the situation which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent requests for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample material analyzed by PCL at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or in the public domain or been lawfully in PCL's) for all services rendered (or if otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such data where such standard was observed. PCL's reports and information provided hereto and for the exclusive use and benefit of client and client agrees that there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning testing, information, software, programs or other formulations.

10. Hold Harmless

Client (whether and their heirs, personally, agrees and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent companies from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to attorneys fees (the "Litigation") awarded and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, disease or death of persons 2. loss of, damage to, loss of, or loss of use of property and or 3. Environmental of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages, or liabilities caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity does specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence or breach of contract by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might have to PCL and the other Indemnified Persons. To the extent (expressly under applicable law, Client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption. Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and the cost of in-house counsel expended in any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any Indemnified person in connection with this agreement or as provided provided under this agreement, even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other biological or toxicological wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for acid/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's acceptable price schedule in effect at the time of completion of the tests the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance of when analysis is completed is required for all new clients or until a history of payment and/or credit arrangement has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within forty (30) days from date of invoice. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days shall be subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees to agents, fees associated with such collection procedures or actions.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client is retaining services hereunder for its own account, and not as agent of, trustee, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party, including, but not limited to, any client representative or agent, reviews, relies, and agrees that said data, information and reports are not required to, or shall be used to, cause costs in connection with any part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other updating of the records of any borrower, the securing, execution, renewal, or extension of any loan from any financial institution or other lender or the certification to or consulting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding time can be met. Short Holding Times of 48 hours or less (bacteria is a must) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis(s) has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

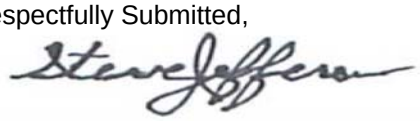
Attention: Ric Vardel
Report Date: 14-May-18 18:31
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18E0028-01) Collected: 01-May-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AE80228	2	07-May-18 (EA)	24 mg/l	
pH	SM4500-H-B	AE80226	0.1	01-May-18 (SS)	7.2 pH Units	
Residual Chlorine	SM 4500 Cl-G	AE80234	0.05	02-May-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AE80128	1.8	03-May-18 (JC)	23.0 MPN/100 ml	
Total Coliforms	SM 9221B	AE80128	1.8	03-May-18 (JC)	23.0 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 5/14/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18E0028

Customer: IPC, Inc.		Project : (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Golan Kfir	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field (Lab)
EFF	5/1/18	9:05	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.2 16.3°C
	"	"	1	BOD	Grab	AQ	1L P	4°C	
	"	"	2	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by: Golan	Golan Kfir IPC	5/1/18	
Received by: C. Tatum	C. Tatum PCL	5/1/18	13:20
Relinquished by:			
Received by:			
Relinquished by: C. Tatum	C. Tatum PCL	5/1/18	3:45
Received in lab by:		5/1/18	1545

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC? (Yes) No

Samples intact? (Yes) No

Samples properly preserved? (Yes) No

Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
(Grab) Comp	HC - HCl
Matrix	HS - H_2SO_4
(AQ) - Water	HN - HNO_3
SO - Soil / Sludge	HP - H_3PO_4
OT - Other	OH - NaOH
Bottle Type	ST - Sodium Thiosulfate
(P) - Plastic	AA - Ascorbic Acid
(G) - Amber Glass	AI - $AlCl_3$
VOA - 40 ml Vial	Cu - $CuSO_4$
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule and any additions or amendments hereto, otherwise agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule in such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (or defined services) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may order services by submitting a written Chain of Custody (COC) to PCL. Any such order constitutes 1. an acceptance by the Client of PCL's offer to do business with the Client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's documents shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "Services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboards (SWAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgment of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample material provided to PCL or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement), subject to any disclosure required by law or legal process. PCL shall apply the same standard of care it uses in protecting its own confidential data and shall not be responsible for inadvertent disclosure of said data where such standard was observed. PCL reports and laboratories provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to, all costs, fees (including attorneys' fees) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement, which is an proximate, handling or disposal of client's hazardous materials, 2. injury, disease or death of persons, 3. loss of, damage to, use of, or loss of use of property and/or 4. financial loss of every kind or character. This indemnity shall apply to any of the foregoing losses, costs, damages, civil suits caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other Indemnified Persons. To the extent not expressly prohibited by applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, and in no instance shall it, to the maximum amounts permitted under applicable law, in no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption, litigation expenses or other fees (including, without limitation, attorney's fees, court costs, and the cost of pre-judgment interest), or any other expenses or cost incurred by client or any other party in any litigation against or involving PCL or any authorized person or contractor with this agreement to all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any subsection or amendments and interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any lab or field analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by or as applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agency fees associated with such collection procedures or actions.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client is securing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement and that no third party may rely on such data, information or reports. Client represents, warrants and agrees that said data, information and reports are not registered, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any security, any permits or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with governmental or quasi-governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 5pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to assess holding times without applying a rush surcharge. All short holding times, 7-2 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times (of 48 hours or less (bacteria is 6 hours) must be delivered the same day in order to guarantee holding times are met. After hours, late deliveries, freight company delays or sample issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are received for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

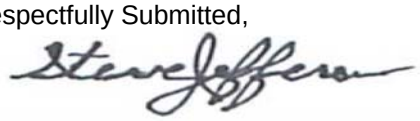
Attention: Ric Vardel
Report Date: 14-May-18 18:33
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18E0051-01) Collected: 02-May-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AE80314	2	08-May-18 (EA)	9 mg/l	
pH	SM4500-H-B	AE80416	0.1	02-May-18 (SS)	7.6 pH Units	
Residual Chlorine	SM 4500 Cl-G	AE80312	0.05	03-May-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AE80229	1.8	04-May-18 (JC)	49.0 MPN/100 ml	
Total Coliforms	SM 9221B	AE80229	1.8	04-May-18 (JC)	49.0 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 5/14/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18EC057

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Golan Kfir	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	5/2/18	11:55	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.6 17.6°C
	"	"	1	BOD	Grab	AQ	1L P	4°C	
	"	"	2	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by: GK	Golan Kfir IPC	5/2/18	
Received by: C. Tatum	C. Tatum PCL	5/2/18	12:28
Relinquished by:			
Received by:			
Relinquished by: C. Tatum	C. Tading PCL	5/2/18	15:00
Received in lab by:		5/2/18	1520

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC?	Yes	No
Samples intact?	Yes	No
Samples properly preserved?	Yes	No
Samples in holding time?	Yes	No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Matrix	Bottle Type
Grab	AQ - Water	P - Plastic
Comp	SO - Soil / Sludge	G - Amber Glass
	OT - Other	VOA - 40 ml Vial
		Coli - bacteria

Preservations

- HC - HCl
- HS - H_2SO_4
- HN - HNO_3
- HP - H_3PO_4
- OH - NaOH
- ST - Sodium Thiosulfate
- AA - Ascorbic Acid
- AI - $AlCl_3$
- Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

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For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (CLAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature of composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL's Standard Operating Procedures (SOPs) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's execution of a work order and/or payment releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

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8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by Client or at Client's request and the results obtained by PCL shall be kept in confidence unless such information is generally available to the public or is the public domain or Client has filed to pay PCL for all services rendered or is otherwise in breach of the Agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses to handle its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided hereunder are for the exclusive use and benefit of Client and Client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases, and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all claims, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to, all court fees, litigations fees, liens and awards acting in favor of Client or any third party as a result of, and/or in any way occurring, incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, including, but not limited to, death of persons 2. loss of, damage to, use of, or loss of use of property and/or 3. personal loss of every kind of character. This indemnity does not apply to any of the foregoing claims, costs, damages, or liabilities caused solely by the gross negligence or willful misconduct of PCL or its employees. Furthermore, this indemnity shall specifically apply to clients claims, damages, whether of every kind and character arising out of or in connection with the negligence or breach of contract by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any remedy to which the client might otherwise have in PCL and the other Indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption, litigation expenses or attorneys fees (including without limitation, attorney's fees, court costs, and cost pre or post judgment interest)), or any other expenses to client incurred by client or any other party in any litigation, dispute or involving PCL or any indemnified person in connection with this agreement or the services provided under this agreement even if client or the preceding party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or classified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material supplied to PCL from client or at client's request shall remain the property of client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or within prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the Terms shall be effective only in writing and executed by an officer of PCL and by Client's authorized representative. Except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any persons, or other securities to the holders of any security, the securing, assumption, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 24 hours or less, samples must arrive within the hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (turnaround is 4 hours) must be delivered the same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

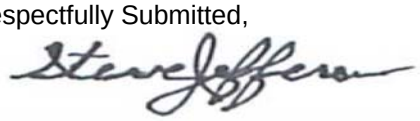
Attention: Ric Vardel
Report Date: 14-May-18 18:35
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18E0093-01) Collected: 03-May-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AE80411	2	09-May-18 (EA)	10 mg/l	
pH	SM4500-H-B	AE80416	0.1	03-May-18 (SS)	7.1 pH Units	
Residual Chlorine	SM 4500 Cl-G	AE80419	0.05	04-May-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AE80310	1.8	07-May-18 (PL)	2.0 MPN/100 ml	
Total Coliforms	SM 9221B	AE80310	1.8	07-May-18 (PL)	11.0 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 5/14/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1805093

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Golan Kfir	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	5/3/18	1235	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
	"	"	1	BOD	Grab	AQ	1L P	4°C	
	"	"	2	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by: GK	Golan Kfir IPC	5/3/18	
Received by: EB	Eric	5.3.18	1300
Relinquished by: EB	Eric	5.3.18	
Received by:			
Relinquished by:			
Received in lab by:	RH	5/3/18	1700

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

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The client may order services by submitting a written Chain of Custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's execution of a work order and/or disposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by Client or at Client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has told to PCL that all services rendered are to otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning instrumentation, software programs or other techniques.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to, all court fees, the litigation, expenses and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. Illness, the loss or death of persons 2. claims of damages to, loss of, or use of property and/or 3. financial loss of every kind or character. The indemnity does not apply to any of the foregoing losses, claims, damages, or liabilities caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity is not specifically aimed at losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any Indemnified Person, whether active or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any remedy to which the client might have under law or in PCL and the other Indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligations will be supported by the available liability insurance coverage or be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for consequential, punitive, special, incidental or consequential damages, including, without limitation, loss of profit or business interruption, litigation expenses or other fees, including, without limitation, attorney's fees, court costs, and/or pre or post judgement interest, or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement, even if client or the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or biohazardous wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and shall upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for asbestos analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable prior schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of prompt payment credit account has been established with PCL. For those clients with established credit accounts, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amounts unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms of all be effective only in writing and executed by an officer of PCL and by clients authorized representative, except for subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for the use of or reliance on data, information or reports by client or PCL. Client is retaining services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client's agreements, warranties, and agrees that said data, information and reports are not intended, or will be used to relied upon, in connection with or as a basis for the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the securities of any person, the securing, amendment, renewal or extension of any loan from any financial institution or other lender or the certification to or compliance with directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 5pm on weekdays without prior modification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analytes with holding times of 14 days or less, samples must arrive within 96 hours or allow PCL to more holding times without applying a rush surcharge. All short holding times, 1-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding time can be met. Short Holding Times of 48 hours or less (i.e. pH in 15 minutes) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been estated on the fee schedule. Reasonable time has been allocating for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 14-May-18 18:18
Subject: (MCC) Weekly EFF

Project/P.O.#: (MCC) Weekly EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18E0094-01) Collected: 03-May-18 By Golan Kfir						
Ammonia as N	EPA 350.1	AE80414	0.10	04-May-18 (SGS)	<0.10 mg/l	
Nitrate as N	EPA 353.2	AE80415	0.02	04-May-18 (SGS)	<0.02 mg/l	
Nitrite as N	EPA 353.2	AE80415	0.02	04-May-18 (SGS)	<0.02 mg/l	
Total Kjeldahl Nitrogen	EPA 351.2	AE80833	0.10	09-May-18 (LA)	0.51 mg/l	
Total Suspended Solids	SM 2540D	AE80412	1	04-May-18 (EA)	1 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 5/14/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1BE00094

Customer: IPC, Inc.		Project : (MCC) Weekly EFF	
Address: 9297 Research Drive		Sampled by: Golan Kfir	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	5/3/18	12:35	1	TSS	Grab	AQ	1L P	4°C	
	"	"	1	NH4, TKN	Grab	AQ	500 P	HS	
	"	"	1	NO2, NO3	Grab	AQ	500 P	4°C	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by GK	Golan Kfir IPC	5/3/18	
Received by	Ewall	5-3-18	1300
Relinquished by	Ewall	5-3-18	
Received by			
Relinquished by			
Received in lab by		5.3.18	1540

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	**HC** - HCl
Comp	**HS** - H_2SO_4
Matrix	**HN** - HNO_3
AQ - Water	**HP** - H_3PO_4
SO -Soil / Sludge	**OH** - NaOH
OT - Other	**ST** - Sodium Thiosulfate
Bottle Type	**AA** - Ascorbic Acid
P - Plastic	**Al** - $AlCl_3$
G - Amber Glass	**Cu** -$CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule and any additional amendments hereto which are agreed to in writing by client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL may, and has accepted orders for services (as defined below) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms or in modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may order services by submitting a written change of order (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by the herein terms and conditions. No contrary or additional terms and conditions expressed in a client's documents shall be deemed to become a part of the contract or relied upon as acceptance of the terms and conditions.

For the purpose of this agreement, "Services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), 40 Waters and Effluents, American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or conditions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client in or out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for such services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder, subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

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The parties agree that the Terms shall govern performance of client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and signed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform its services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence unless such information is generally available to the public or in the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement, subject to any statute now required by federal legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for an unauthorized disclosure of such data which such standard was observed. PCL reports and information prepared hereto, are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to attorneys fees, the obligations awarded and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of or in connection with the performance of services by PCL pursuant to this agreement, which is proximately caused or deemed to be caused by acts, omissions, willful misconduct or negligence of Client, its employees, agents, or representatives or any other person or entity for whom Client is responsible. Client's indemnity shall specifically apply to claims, damages, settlement costs, fines and penalties arising out of or in connection with the negligence of or breach of contract by any unidentified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any remedy which the client holds against PCL and the other indemnified Persons. To the extent necessary under applicable law, Client agrees that its indemnity obligation will be supported by adequate liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted and/or applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) arising from (contract or other law, including, without limitation, attorney's fees, court costs, and pre and post judgment interest), or any other expenses or costs incurred by client or any other person by litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement, even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide, and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, benzene or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any lab bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

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Changes, modifications or amendments to the terms shall be effective only if in writing and executed by an officer of PCL and by clients authorized representative. Except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client is retaining services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to the agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested or shall be used to refute claims in connection with or as part of the purchase, sale, underwriting, or determination of any securities, any periodic or other reporting to the holders of any security, the securing, renegotiation, renewal, or extension of any loan from any financial institution or other lender or the participation in or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

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PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 5pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. Extended holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All client holding times, 5-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 8 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late receivers, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

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All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been stated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM
LABORATORIES
QUALITY ANALYTICAL SERVICES SINCE 1987
1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

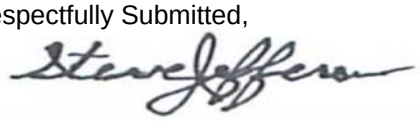
Attention: Ric Vardel
Report Date: 14-May-18 18:14
Subject: (MCC) Weekly INF

Project/P.O.#: (MCC) Weekly INF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
INF (Sample I.D.# : 18E0095-01) Collected: 03-May-18 By Customer						
Biochemical Oxygen Demand	SM 5210B	AE80411	2	09-May-18 (EA)	347 mg/l	
Total Suspended Solids	SM 2540D	AE80412	1	04-May-18 (EA)	211 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 5/14/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18Eco 95

Customer: IPC, Inc.		Project: **(MCC) Weekly INF**	
Address: 9297 Research Drive		Sampled by: Golan Kfir	P.O. #:
Irvine	CA 92618	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
INF	5/3/18	12:25	1	TSS	Grab	AQ	1L P	4°C	
	"	"	1	BOD	Grab	AQ	1L P	4°C	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by: GK	Golan Kfir IPC	5/3/18	
Received by: [illegible]	[illegible]	5.3.18	1300
Relinquished by: [illegible]	[illegible]	5-3-18	
Received by			
Relinquished by			
Received in lab by		5.3.18	1600

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means those Terms and Conditions of sale, including the quote, schedule, and any additions or amendments to which are agreed to in writing. "Client" means the individual or entity who has requested laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order continues 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or invitation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of this contract, unless upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule."

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample material(s) provided by Client or at client's request and the results obtained by PCL shall be held in confidence unless such information is generally available to the public or in the public domain or client has told to pay PCL for all services rendered or is otherwise in breach of the agreement, subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses to protect its own confidential data and shall not be responsible for unauthorized disclosure of such data within such standard. Unless otherwise PCL reports and information provided hereunder are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to, attorneys fees (including if self-represented) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, or illness, disease or death of persons 2. loss of, damage to, use of, or loss of use of property; and/or 3. litigation of every kind or nature. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, charges, actions of every kind and character arising out of, in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, of the performance of services under this agreement. The foregoing indemnities will be in addition to any existing which the client might otherwise have to PCL or the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In the event that PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption, Unbroken Expenses or other fees (including, without limitation, attorney's fees, court costs, and fair and just prejudgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other biological or toxic material, waste and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any lab bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with established credit accounts, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by law or applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with collection procedures or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for the misuse of or reliance on data, information or reports furnished by PCL. Client is acting, services hereunder for his or her account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not considered, or shall not be used to relied upon, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities. Any services or other reporting or the issuance of any reports, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or conducting with directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because all samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at our lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less that are routine must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Samples stored for longer periods is by renewed only. The arrangements terms of storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been included on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

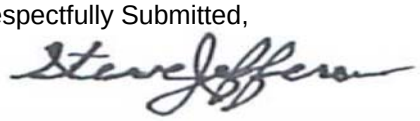
Attention: Ric Vardel
Report Date: 14-May-18 18:38
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18E0136-01) Collected: 04-May-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AE80827	2	11-May-18 (EG)	8 mg/l	
pH	SM4500-H-B	AE80736	0.1	04-May-18 (SS)	7.2 pH Units	
Residual Chlorine	SM 4500 Cl-G	AE80523	0.05	05-May-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AE80417	1.8	07-May-18 (PL)	23.0 MPN/100 ml	
Total Coliforms	SM 9221B	AE80417	1.8	07-May-18 (PL)	49.0 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 5/14/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: ~~EFF~~ 18E0136

Customer: IPC, Inc.		Project : (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by:	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	5/4	1555	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
〃	〃	〃	1	BOD	Grab	AQ	1L P	4°C	
〃	〃	〃	2	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
GlobalID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Ric Vardel (IPC)	5/4	1600
Received by		[illegible] IPC	5/4/18	1600
Relinquished by				
Received by				
Relinquished by				
Received in lab by		Alex Walker Jr	5/5/18	8:25

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Sample Received Checklist

Temperature upon receipt:	4°
# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu -$CuSO_4$

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of Sale, including the price schedule, and any additional agreements between which are attached to or a part hereof. "Client" means the individual or entity who or which requests laboratory services, including sampling services and his or its officers, partners, employees and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule in effect from time to time, as amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL reserves the right to accept orders for services (as defined below) only under the following General Terms and Conditions (the "Terms"). These Terms constitute the entire agreement in writing which Client and PCL agree to the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The Client may order services by submitting a written sheet of such to PCL or PCL. Any such order constitutes an acceptance by the client of PCL's obligations hereunder with the Client under the terms and conditions and Client agrees to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the Client's express assent to the governing of the terms and conditions. No additional or additional terms and conditions contained on a Client's purchase order shall be deemed to become a part of the contract between Client and PCL unless agreed to in writing by PCL.

For purpose of this agreement, "Services" shall mean all work to be performed for the client, including provision of all conclusions and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of care prevailing in the profession. Where applicable, PCL will use such testing methodologies which are substantially consistent with the U.S. Environmental Protection Agency (EPA), CLP standards (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods for the Examination of Water and Wastewater, and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made in a manner consistent with the recognized standards of best industry practice. PCL Standard Operating Procedures (SOPs) and our QA/QC policies. The total liability of PCL, its officers, agents, employees or its owners to the Client arising out of or in connection with the services to be provided herein, shall not exceed the collected amounts for said services. Client's acceptance of a work order and/or payment releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and diligently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform its services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and other sample materials provided by/on behalf of Client at Client's request, and the results obtained by PCL therefrom, are considered confidential information (except for information in the public domain or information which PCL had already rightfully received or is otherwise in breach of this agreement). Subject to any disclosure required by law or legal process, PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for inadvertent disclosure of said data. Subject to Client's own provisions, PCL reports and information generated hereunder and the confidential data and results of client's activities hereunder shall be for the sole use of Client and PCL. Client shall not disclose PCL's reports to any third party by any means (including electronic transmission, hardcopy or other format) without PCL's prior written consent.

10. Hold Harmless

Client releases, and shall indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all claims, losses or damages, demands, causes of action, costs and expenses (including, but not limited to, all court fees, fines, judgments, penalties and awards) arising in favor of Client or any third parties as a result of, and/or in any way occurring, incident to, arising out of, or in connection with the performance of this agreement and/or transactions between Client and PCL, including, but not limited to, any injury, death or harm of persons (e.g., Client's employees or agents), damage to, loss of, or use of property (e.g., Client's or third parties' property), and/or any other damages or losses. Client shall not be relieved from any liability arising from any negligent act or omission by PCL or its employees. Furthermore, Client shall indemnify, defend and hold harmless PCL from any and all claims, losses or damages arising out of or resulting from the performance of Client's hazardous materials, including, but not limited to, any injury, death or harm of persons (e.g., Client's or third parties' employees or agents), damage to, loss of, or use of property (e.g., Client's or third parties' property), and/or any other damages or losses. This duty to indemnify, defend and hold harmless PCL shall apply whether or not such claims, losses or damages are caused in part by the negligence of PCL, its employees, agents or subcontractors. Client's duty to indemnify, defend and hold harmless PCL shall not apply to the extent that such claims, losses or damages are caused by the sole negligence or willful misconduct of PCL or its employees. Client's duty to indemnify, defend and hold harmless PCL shall include, but not be limited to, all costs, attorneys' fees, expenses and liabilities incurred in any such claim or action, including, but not limited to, investigation costs, expert witness fees, any settlement amounts, and any costs or expenses incurred by PCL on account of any such claim or action. In any dispute between Client and PCL, the prevailing party shall be entitled to recover its reasonable attorneys' fees, costs and expenses incurred in connection with such dispute. Client's duty to indemnify, defend and hold harmless PCL shall apply to any claims, losses or damages arising from any sampling activities performed by PCL or any third party on behalf of Client, or any failure to perform sampling activities, including, but not limited to, any claim that PCL or any third party improperly performed sampling activities. Client's duty to indemnify, defend and hold harmless PCL shall apply to any claims, losses or damages arising from any sampling activities performed by PCL or any third party on behalf of Client, or any failure to perform sampling activities, including, but not limited to, any claim that PCL or any third party improperly performed sampling activities. Client's duty to indemnify, defend and hold harmless PCL shall apply to any claims, losses or damages arising from any sampling activities performed by PCL or any third party on behalf of Client, or any failure to perform sampling activities, including, but not limited to, any claim that PCL or any third party improperly performed sampling activities.

11. Hazardous Substances

For PCL to perform the services requested by Client, it will be necessary for PCL to receive samples of materials which may contain hazardous substances, pollutants or contaminants, including asbestos, polychlorinated biphenyls, bacteria, or any other hazardous or toxic substances, wastes and substances which are defined, determined or identified as such under federal, state or local laws. Any PCL personnel involved in handling any samples of hazardous substances shall be trained in accordance with applicable laws and regulations. Client shall inform PCL in writing of the presence of any hazardous substances in any samples submitted to PCL for analysis. Client shall identify and list all hazardous substances which may be contained in the samples submitted to PCL for analysis. Client shall provide PCL with sufficient information regarding the hazardous substances identified by Client so that PCL personnel can take adequate precautions to protect their health and safety. Client shall provide PCL with sufficient information regarding the hazardous substances identified by Client so that PCL personnel can take adequate precautions to protect their health and safety. Client shall provide PCL with sufficient information regarding the hazardous substances identified by Client so that PCL personnel can take adequate precautions to protect their health and safety. Client shall provide PCL with sufficient information regarding the hazardous substances identified by Client so that PCL personnel can take adequate precautions to protect their health and safety.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of submission of the order the services were rendered, or such other prices mutually and specifically agreed to in writing. The price schedule is subject to change at any time without notice. Payment in advance or cash on delivery is required for all new clients, or until a history of payment and/or credit is established with PCL. For those clients with an established credit account, the terms for payment of charges are NET 30 days from date of invoice. To the fullest extent permitted by law, to applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the rate of the maximum rate permitted by law to date and one half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees as agreed upon between such collection proceedings or otherwise.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only if in writing and executed by an officer of PCL and by a duly authorized representative of the client. Except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is relying on PCL's services only for its own purposes, and not for any agent or bailee, or for any other representative or agency for any other person or entity. No agent and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants and agrees that such data, information and reports are not transmitted, or shall be used to relied upon, by anyone or entity other than client. Client shall not sell, use, advertise, or distribute any reports, or any reference to PCL or any of its employees, or any reference to any of PCL's services, or any data, information or reports prepared by PCL, in connection with any effort to solicit or obtain financing from any bank, savings and loan association, or any other lender or its participating agent or representative, any governmental agency or department.

15. Rush Analysis

Rush services are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times on any samples received or samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet its holding times without applying rush surcharge. All rush holding times will be subject to the discretion of the lab within 24 hours of the receipt of samples to ensure that the holding times can be met. Short Holding Times: All analyses with holding times of 48 hours or less (for example, pH, residual chlorine, dissolved oxygen, sulfite, and sample receipt for certain analyses) must be delivered and received at the laboratory within 24 hours of sample collection. Failure to meet these short holding times may result in the analyses being performed but the results will be flagged as exceeding the holding time. Rush requests for short holding time analyses may not be accepted. Clients are responsible for ensuring that samples are delivered to the laboratory within the required timeframe. Weekend and holiday deliveries may require prior arrangement and additional charges. Please contact the laboratory in advance to confirm availability and to discuss any special requirements for short holding time samples.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only and may incur long term storage charges or an additional charge. Samples will be disposed of at the end of the retention period unless otherwise requested.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been listed on the fee schedule. Reasonable time has been allowed for each pick up or service. Unnecessary delays during the pick up or sampling may be considered an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

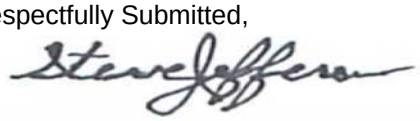
Attention: Ric Vardel
Report Date: 14-May-18 18:41
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18E0140-01) Collected: 05-May-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AE80827	2	11-May-18 (EG)	6 mg/l	
pH	SM4500-H-B	AE80736	0.1	05-May-18 (SS)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AE80523	0.05	05-May-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AE80520	1.8	09-May-18 (JC)	7.8 MPN/100 ml	
Total Coliforms	SM 9221B	AE80520	1.8	09-May-18 (JC)	13.0 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 5/14/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18E0140

Customer: IPC, Inc.		Project : (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine	CA 92618	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field (Lab)
EFF	05/05/18	1105	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.4
			1	BOD	Grab	AQ	1L P	4°C	
			2	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez IPC	05/05/18	1122
Received by		Alex Walker JR	05/05/18	1122
Relinquished by				
Received by				
Relinquished by				
Received in lab by		Alex Walker JR	5/5/18	1325

Sample Received Checklist

Temperature upon receipt: 4/0

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. **Definitions**

"Terms and Conditions" means these Terms and Conditions of Sale, including the given schedules, and any additions or amendments as established and agreed to in writing. "Client" means the person or entity who may request laboratory services, consulting or sampling services and has the legal, contractual, actual and representative "Power to Engage" power that Pat-Chem Laboratories (PCL) considers prior schedule as such document may be amended or released from time to time by PCL.

2. **Independent Contractor**

PCL acts solely as an independent contractor to perform the all services.

3. **Orders and Acceptance**

PCL offers and will accept orders for services as defined herein only under the following Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written Point of Custody (COC) to PCL. Any such order constitutes a, an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and C. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or its agents of consulting services constitutes the client's explicit assent to be governed by these terms and conditions. No additional or additional terms and conditions expressed on a client's documents shall be deemed to become a part of this contract, except upon acceptance of the terms and conditions.

For purposes of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. **Limit of Liability**

PCL will perform the services in accordance with the normal standards of workmanship in the profession where applicable. PCL will use analytical methodologies which are as appropriate commonly with the U.S. Environmental Protection Agency (EPA), U.S. Watershed (TLAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liabilities of PCL, its officers, agents, employees or subcontractors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. **Clients Responsibility**

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. **Cancellation**

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. **Overriding Agreement**

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. **Force Majeure**

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. **Confidentiality**

Data and the sample information provided by or on behalf of Client shall not be released or disclosed by PCL to any 3rd party except in compliance (unless such information is given by reference to the public or is the public domain) or Client has agreed to pay PCL for all services rendered up to the effective date of the agreement. Upon Client's written request, PCL shall provide Client with a list of all 3rd parties to whom PCL has released Client's data. PCL reserves the right to charge Client its then current hourly rate for the time required by PCL to fulfill such request. PCL will not be responsible for any unauthorized release of Client data after such data has been released to Client or Client's designated representative.

10. **Hold Harmless**

Client releases and shall save, indemnify and hold PCL, its employees, officers, directors, agents, affiliates and assigns harmless from and against any and all liabilities, losses, damages, claims, demands, causes of action, costs and expenses including attorneys' fees, of any nature whatsoever, known or unknown, anticipated or unanticipated, asserted or unasserted, arising in favor of Client or any third party as a result of, part or in any way arising, incident to, resulting out of, or in connection with the performance of services by PCL pursuant to this agreement or any modification thereof, including any claims or liabilities arising in part or in whole from the negligence of PCL, its employees, its agents, its subcontractors or any third party employed by PCL, but excluding liabilities, claims, damages, costs and expenses caused by the willful misconduct or gross negligence of PCL, its employees, its agents, its subcontractors or any third party employed by PCL. Client's duty to indemnify PCL under this section shall apply whether or not such claim is prosecuted to judgment. Client's duty to indemnify PCL under this section shall apply regardless of whether or not such claim is caused by the concurrent negligence, in whole or in part, of PCL and the other parties. Client's duty to indemnify PCL under this section shall not be limited by the amount of insurance coverage to be furnished by Client, or whether Client has furnished the insurance required under paragraph 14. In no event shall PCL be liable to Client for consequential damages, including without limitation, loss of profits or business interruption losses. Client's obligations, including without limitation, indemnification, shall survive until the statute of limitations with respect to any cause of action for personal injury or property damage against PCL or any of its employees, officers, directors, agents, affiliates or assigns has expired. Client's obligations under this section shall survive the termination of this agreement for any reason.

11. **Hazardous Substances**

For PCL to perform the services requested by client, client will properly mark and PCL will receive samples that are not analyzed due to asbestos, polychlorinated biphenyls, pesticides or any other hazardous or toxic chemicals, wastes and substances which are defined, designated or classified as such under federal, state or local laws, rules, PCL policies or regulations (or other rules governing hazardous materials or chemicals) (collectively, any of the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of client and that, upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for analytical testing analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. **Prices/Payments**

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of submission of the order for services were rendered or, if no prices quoted, and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment is subject to client's credit approval and/or on its account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoice. To the fullest extent permitted by law and by applicable law, any amount unpaid at the end of the thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or an amount not to exceed 1.5% per month on the unpaid balance. Payments are applied first to interest, then to principal, and any and all costs of collection, including attorneys' fees, whether in-house or agency, that are incurred with such collection procedures.

13. **Agreement Modification**

Changes and additions or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by others with proper authority. Acceptance of subsequent orders for additional services may be verbal or in writing.

14. **No Third Party Beneficiaries: No Right of Reliance**

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is acting in these matters solely for its own account, and not as agent or broker, or in any other representative capacity, for any other person or entity. Any agreed upon additional report that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client, its officers, employees, and agents that PCL's data, information and reports are not the property of client, and may not be used or relied upon in whole or in part by client or any other party, except in accordance with the provisions, and, specifically, subject to the limitations of any contract, proposal or other agreement between PCL and client. Client shall not publish, reproduce, or otherwise make available to any other person or entity any of PCL's data, information or reports, or any portion thereof, without the prior written consent of PCL. Client shall not use PCL's data, information or reports in any manner that is misleading, inaccurate, or inconsistent with the findings of PCL, and shall indemnify and hold PCL harmless from any claim, liability, cost or expense arising out of client's breach of this provision.

15. **Rush Analysis**

Rush analyses are available for an additional charge and must be arranged in advance. If for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. **Holding Times**

PCL cannot be responsible for those cases that are encountered because of delays between sampling or after time for laboratory evaluation and acceptance. Standard holding times and storage conditions should be followed when the samples being received by PCL. Notice of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 48 hours to allow PCL to meet holding times without working a work week. All short holding times, 7-7 days, samples must arrive at the lab within 24 hours before evaluation to ensure that the holding time can be met. Short Holding Times of 48 hours or less (Coliform) is found must be delivered that same day in order to guarantee holding times are met. After hours, late deliveries, weekend samples, delays in service are subject to additional rush fees and/or the shortest holding times. All holding times are in effect as of the publication date of our fee schedule and are subject to change without notice.

17. **Sample Retention**

All samples are retained for (1 to 3 months) (20) days after analysis is been completed. Sample shall age for longer periods if by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. **Sample Pick Up/Field Tech Sampling**

All pick up/sampling fees have been listed on the fee schedule. Reasonable time has been allocated for each pick up or sample. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

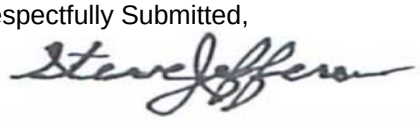
Attention: Ric Vardel
Report Date: 14-May-18 18:43
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18E0145-01) Collected: 06-May-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AE80827	2	13-May-18 (EG)	8 mg/l	
pH	SM4500-H-B	AE80736	0.1	06-May-18 (SS)	7.8 pH Units	
Residual Chlorine	SM 4500 Cl-G	AE80834	0.05	06-May-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AE80628	1.8	10-May-18 (JC)	4.0 MPN/100 ml	
Total Coliforms	SM 9221B	AE80628	1.8	10-May-18 (JC)	7.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 5/14/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1850145

Customer: IPC, Inc.

Address: 9297 Research Drive
Irvine CA 92618

Project : (MCC) Daily EFF

Sampled by: Carlos Alvarez

Report Attention: Ric Vardel / Golan Kfir

P.O. #:

Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	05/06/18	1200	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
"	"	"	1	BOD	Grab	AQ	1L P	4°C	
"	"	"	2	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by	C. Alvarez	Carlos Alvarez IPC	05/06/18	1205
Received by	Alex Walker	Alex Walker Jr	05/06/18	1205
Relinquished by				
Received by				
Relinquished by				
Received in lab by	Alex Walker	Alex Walker Jr	5/6/18	1505

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Sample Received Checklist

Temperature upon receipt: _____

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. **Definitions**

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who or that requests laboratory services, consulting or sampling services and his, its heirs, successors, assigns and representatives. "Price Schedule" means Pat Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. **Independent Contractor**

PCL acts solely as an independent contractor in performing all services.

3. **Orders and Acceptance**

PCL offers and will accept orders for services (or deliverables) only under the following Order of Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does and supersedes the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the Client of PCL's offer to do business with the Client under the terms and condition and 2. our agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or invitation of consulting services constitutes the Client's express assent to be governed by these terms and conditions. No boilerplate or additional terms and conditions contained on a client's purchase order shall be deemed to become a part of the contract, in the absence of evidence of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the Client, including all provision of all equipment and materials to be furnished by PCL.

4. **Limit of Liability**

PCL will perform the services in accordance with the normal standard of workmanship in the profession where applicable, PCL will use analytical methodologies which are in substantial conformity with those in the Environmental Protection Agency (EPA), CFR Watershed (CWA), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) or the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or subcontractors to the Client arising out of or in connection with the services to be provided hereon, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provision to the contrary in any client purchase orders or contracts.

5. **Clients Responsibility**

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. **Cancellation**

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. **Overriding Agreement**

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. **Force Majeure**

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. **Confidentiality**

Data and the samples analyzed provided to the client at Client's request and the results obtained by PCL shall be held in confidence and not disclosed to any third party (except as required by law or legal process). PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data and information provided, except that PCL reports and information provided thereon and for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports. Upon publication, Client will not alter any of PCL's data or information (including without limitation, software programs or other computations).

10. **Hold Harmless**

Client agrees to and shall indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all claims, losses or damages, costs, demands, causes of action, costs and expenses, including, but not limited to, attorneys' fees, litigation expenses and awards arising in favor of Client or any third party as a result of, related to, or in any way relating incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposition of client's hazardous materials, waste, or samples on behalf of Client by PCL. Client shall defend, indemnify and hold harmless PCL, its officers, directors, employees, agents, affiliates, subsidiaries and parent harmless from and against any and all claims, losses, damages, liabilities, costs and expenses of every kind and character arising out of or in connection with the negligence or gross misconduct of any consultant, contractor, employee, agent or other person or entity performing services under this agreement. The foregoing indemnities shall not apply to any claim to which there is an express finding of fault by PCL in the final judgment rendered by a court of competent jurisdiction. To the extent that any such indemnification is unenforceable, Client agrees that its indemnity obligation will be supported by the insurance it is required to maintain or cause to be furnished by client with an insurance company or companies acceptable to PCL, in the amounts and with coverages as set forth in Section 11 below. In the event that PCL is found to be liable for a direct, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) or litigation expenses or costs (including, without limitation, attorneys' fees, court costs, and costs of investigation), or any other expenses or cost incurred by Client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or the services provided under this agreement, even if client or the prevailing party.

11. **Hazardous Substances**

For PCL to perform the services requested by client, client will provide and PCL will require complete materials for analyses such as solubility, polymerization, hydrolysis or any other hazardous or toxic material, wastes and substances which are delivered, determined or identified as such under federal, state or local laws, rules, PCL's policies or regulations (collectively, existing or hereafter amended or any combination or any official or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous materials received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any lab services analysis client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. **Prices/Payments**

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of execution or the date the services were rendered, which ever is later, and other charges as incurred. The price schedule is subject to change at any time without notice. A current price schedule or other analysis is contracted is required for all new clients or upon a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET 30 days from date of invoices. To the fullest extent permitted by applicable law, any amounts unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balance. If unpaid amounts are referred to an attorney or collection agency for enforcement, Client shall pay reasonable costs and attorney's fees of agent, that may include court costs, collection procedure or litigation.

13. **Agreement Modification**

Changes, modifications or additions to the terms shall be effective only in writing and executed by an officer of PCL and no clients authorized representative, except that subsequent orders for additional services may be carried out in writing.

14. **No Third Party Beneficiaries: No Right of Reliance**

PCL shall have no responsibility or liability for client's use or misuse or reliance on data, information or reports furnished by PCL. Client is retaining services hereunder for its own account, and not as agent or broker, or on any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to satisfy rules or professional or other agreement, nor understanding or dissemination of any securities, any persons or other recipients to the holders of any security, any existing agreement, covenant, or extension of any loan from any financial institution or other lender or the certification to or from any party, group or class(es), and governmental agencies or departments.

15. **Rush Analysis**

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. **Holding Times**

PCL cannot be responsible for holding times that are exceeded because of samples that are received in unsatisfactory or otherwise not adequately preserved condition and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. Lists of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 7 days, samples must arrive at the lab within 24 hours before exception to ensure that the holding time can be met. Short Holding Times of 48 hours or less that client is to specify must be delivered (not sent) day in order to avoid short holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. **Sample Retention**

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is to be reviewed daily. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. **Sample Pick Up/Field Tech Sampling**

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allotted for each pick up or sample. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 14-May-18 18:46
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18E0168-01) Collected: 07-May-18 By C.A.						
Biochemical Oxygen Demand	SM 5210B	AE80827	2	13-May-18 (EG)	8 mg/l	
pH	SM4500-H-B	AE81010	0.1	07-May-18 (SS)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AE80834	0.05	08-May-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AE80737	1.8	10-May-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AE80737	1.8	10-May-18 (JC)	33.0 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 5/14/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18E0168

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: (Field) Lab
EFF	05/05/18	1330	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.5/24.6°C
			1	BOD	Grab	AQ	1L P	4°C	
			2	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	Carlos Alvarez IPC	05/07/18	330
Received by	MARIO SANJESTEBAN (PCL)	05/07/18	1330
Relinquished by	MARIO SANJESTEBAN (PCL)	5/7/18	1530
Received by			
Relinquished by			
Received in lab by	PCL	5-7-18	1600

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? (Yes) No

Samples intact? (Yes) No

Samples properly preserved? (Yes) No

Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
(Grab)
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule, as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor to perform all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client (as) have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or invitation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession where applicable. PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), 1,4 Waterbound (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL's standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence unless such information is generally available to the public or is the public domain or client has failed to pay PCL for all services rendered (as is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for the inadvertent disclosure of said data where such standard was observed. PCL reports and information provided hereunder are for the exclusive use and benefit of Client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to, all costs, fees (the judgment expenses) and awards arising in favor of Client or any third party as a result of, prior to, any, occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, i. injury, disease or death of persons, 2. loss of, damage to, liquidation of, use of, or property and/or 3. financial loss of every kind or character. The indemnity does not apply to any of the foregoing losses, costs, damages or liabilities caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence or breach of contract by any Unidentified Person, whether actual or alleged, of the performance of services under this agreement. The foregoing indemnities will be in addition to any patents which the client might otherwise have in PCL and the other Indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profits or business interruption, litigation expenses or other fees (including, without limitation, attorney's fees, court costs, and cost of pre-judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or as provided for under this agreement) even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, waste and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions or samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any lab location analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations in which the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or clients a history of payment and/or credit acceptable has been established with PCL. For those clients with established credit accounts, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by at any applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents incurred with such collection procedure or litigation.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an authorized PCL and by client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries! No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client is creating services from PCL for its own account, and not as agent or broker, or in any other representative capacity for any other party or person. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not presented, or shall not be used by or upon, in connection with or as part of any disclosure, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All other holding times, 7-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times are met. Short Holding Times of 48 hours or less (such as pH, nitrite) must be delivered that same day in order to guarantee holding times are met. After hours, late deliveries, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of the fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

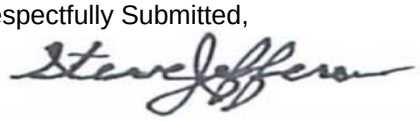
Attention: Ric Vardel
Report Date: 14-May-18 18:49
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18E0201-01) Collected: 08-May-18 By C.A.						
Biochemical Oxygen Demand	SM 5210B	AE80925	2	14-May-18 (SGS)	<2 mg/l	
pH	SM4500-H-B	AE81010	0.1	08-May-18 (SS)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AE80931	0.05	09-May-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AE80831	1.8	11-May-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AE80831	1.8	11-May-18 (JC)	31.0 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 5/14/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: EFF 18E020

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by:	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	5/8	11:50	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	~~7.8/19.2°C~~
"	5/8	11:50	1	BOD	Grab	AQ	1L P	4°C	7.5/19.2°C
"	5/8	11:50	2	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	RIC VARDEL (IPC)	5/8	1158
Received by	MARIO SANTIESTEBAN (PCL)	5/8/18	1425
Relinquished by	MARIO SANTIESTEBAN (PCL)	5/8/18	1800
Received by			
Relinquished by			
Received in lab by	VII	5/8/18	1900

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab Comp	HC - HCl HS - H_2SO_4 HN - HNO_3 HP - H_3PO_4 OH - NaOH ST - Sodium Thiosulfate AA - Ascorbic Acid AI - $AlCl_3$ Cu - $CuSO_4$
Matrix AQ - Water SO - Soil / Sludge OT - Other	
Bottle Type P - Plastic G - Amber Glass VOA - 40 ml Vial Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of Sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The Client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of this contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "Services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession, where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), U.S. Waterboard (TSAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder, subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client is required to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees that there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to, attorneys' fees (the obligation, expressed and provided in favor of Client or any third party as a result of, and/or in any way resulting in/and to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or implementation, transfer or disposal of client's sample(s) hereunder, or injury, damage or death of persons, loss of, damage to, or use of real or personal property and/or 3. for any and all of every kind or nature whatsoever. The foregoing indemnities shall apply to any of the foregoing losses, costs, damages, or expenses caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence or breach of contract by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any remedy which the client might otherwise have in PCL and the other Indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available hold harmless coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profits, business interruption, Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and/or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any Indemnified Person in connection with this agreement or all services provided under this agreement, even if client or the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, pesticides or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (as other now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and shall upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all potential analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations at the time the services were requested or with prices as stated and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or otherwise as may be required is required for all new clients or until a history of payment and/or credit acceptance has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by law and any applicable law, any amounts unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If invoices are not collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agency fees calculated with authorization prior to the [illegible] attorney.

13. Agreement Modification

Changes, modifications or amendments to the [illegible] be effective only in writing and executed by an [illegible] and by clients authorized representative, verbal [illegible] subsequent orders for additional services may be [illegible] in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports [illegible] by PCL. Client is retaining services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or party. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that such data, information and reports are not transmitted, or will be used to refute loans in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal or extension of any loan from any financial institution or other lender or the participation in or contract with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 2pm on weekdays without advance notification and acceptance. Standard holding times and storage conditions should be reviewed prior to the samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 24 days or less, samples must arrive within 36 hours to allow PCL to meet holding times without applying a rush surcharge. All tests with holding times, 3-7 days, samples must arrive at the lab, within 72 hours before expiration to insure that the holding time can be met. Short Holding Times of 48 hours or less the sample is found must be delivered that same day in order to guarantee holding times are met. After hours, late deliveries, freight company delays or similar factors are subject to additional rush fees and/or the inability to meet holding times. All holding times are to effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for 30 days (thirty (30) days after analysis has been completed). Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated in the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

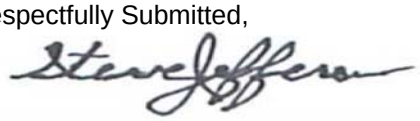
Attention: Ric Vardel
Report Date: 15-May-18 14:53
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18E0235-01) Collected: 09-May-18 By C.A.						
Biochemical Oxygen Demand	SM 5210B	AE81006	2	15-May-18 (EA)	8 mg/l	
pH	SM4500-H-B	AE81010	0.1	09-May-18 (SS)	7.1 pH Units	
Residual Chlorine	SM 4500 Cl-G	AE81019	0.05	10-May-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AE80927	1.8	13-May-18 (JC)	4.0 MPN/100 ml	
Total Coliforms	SM 9221B	AE80927	1.8	13-May-18 (JC)	79.0 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 5/15/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18E0235

Customer: IPC, Inc.		Project : (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	05/09/18	1130	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	
			2	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez IPC	05/09/18	
Received by			5/9/18	1453
Relinquished by			5/9/18	1530
Received by				
Relinquished by				
Received in lab by		VCL	5/9/18	1600

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	HC - HCl
~~Comp~~	HS - H_2SO_4
Matrix	HN - HNO_3
AQ - Water	HP - H_3PO_4
SO -Soil / Sludge	OH - NaOH
OT - Other	ST - Sodium Thiosulfate
Bottle Type	AA - Ascorbic Acid
P - Plastic	Al - $AlCl_3$
G - Amber Glass	Cu -$CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of Sale, including the price schedule and any amendments or agreements hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession where applicable. PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided hereon, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition in which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of that data where such standard was observed. PCL reports and information provided thereon are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning technical information, or trade or programs of other manufacturers.

10. Hold Harmless

Client releases, and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all claims, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to, all court fees, civil litigation expenses and awards arising in favor of Client or any third party as a result of, and/or in any way resulting incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, illness or death of persons, 2. loss of, damage to, or use or loss of use of property and or, 3. incompliances of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages or liabilities caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence (or breach of contract) by any Indemnified Person, whether active or passive, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other Indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be, to the maximum amounts permitted under applicable law, in no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption, litigation expenses or other fees, including, without limitation, attorney's fees, court costs, and pre and post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or described as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as approved by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Material. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all put/pull analysis client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or those a history of payment and/or credit account has not been established with PCL. For those clients with an outstanding credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by law or applicable law, any amounts unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees incurred against him associated with such collection proceedings or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports issued by PCL. Client is acquiring services hereunder for his own account, and not as agent or broker for or any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or to be used or relied upon in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal or extension of any loan from any financial institution or other lender or the certification to or connection with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 5pm on weekdays or shorter prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. For analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without incurring a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expectation to ensure that the holding time can be met. Short Holding Times of 48 hours or less (hold time is 48 hours) must be delivered that same day in order to guarantee holding times are met. After hours, weekends, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on a price schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed as a additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

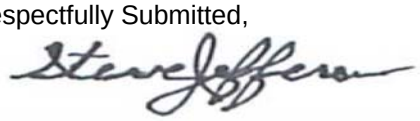
Attention: Ric Vardel
Report Date: 29-May-18 12:38
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18E0250-01) Collected: 10-May-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AE81110	2	16-May-18 (EA)	8 mg/l	
pH	SM4500-H-B	AE81221	0.1	10-May-18 (JC)	7.7 pH Units	
Residual Chlorine	SM 4500 Cl-G	AE81118	0.05	11-May-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AE81013	1.8	14-May-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AE81013	1.8	14-May-18 (PL)	17.0 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 5/29/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18E0263

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine	CA 92618	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field (Lab)
EFF	05/10/18	1200	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.6 19.2°C
			1	BOD	Grab	AQ	1L P	4°C	
			2	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez IPC	05/10/18	
Received by		C. Tatum	5/10/18	12:30
Relinquished by				
Received by				
Relinquished by		C. Tatum pcl	5/10/18	1440
Received in lab by			5/10/18	1440

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	HC - HCl
Comp	HS - H_2SO_4
Matrix	HN - HNO_3
AQ - Water	HP - H_3PO_4
SO - Soil / Sludge	OH - NaOH
OT - Other	ST - Sodium Thiosulfate
Bottle Type	AA - Ascorbic Acid
P - Plastic	AI - $AlCl_3$
G - Amber Glass	Cu - $CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and conditions of sale, including the price schedule, and any additions or amendments to any of them as set forth in writing. "Client" means the individual or entity who or which places a laboratory services, including but not limited to sampling services and the like, for testing, calibrations, reports and representations. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services exclusively and only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications of the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may order services by submitting a written order or call-in by EDDT to PCL. Any such order constitutes Client's acceptance of the offer of PCL's offer to do business with the Client under the terms and conditions and/or agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or its agents or consulting sites also constitutes the Client's express assent to be governed by these terms and conditions. Any conflicting or additional terms and conditions contained in a client's purchase order shall be deemed to become a part of the contract only upon written acceptance of the terms and conditions.

For purposes of this agreement, "services" shall mean all work to be performed for the Client, including provision of equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standard of workmanship in the profession where applicable. PCL will use analytical methodologies whether in regulatory compliance with the U.S. Environmental Protection Agency (EPA), CA Waterboard (CalEPA), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or other criteria based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL's Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or subcontractors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services, notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel perform the sampling, the client shall be responsible for the conditions which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and signed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the samples or materials provided by Client or at Client's request and the results generated by PCL shall be held in confidence unless such information is already available to the public or in the public domain or Client has filed to pay PCL for all services rendered or (f) otherwise is (unless of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses to protect its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL's reports and information provided thereunder are for the exclusive use and benefit of Client and Client agrees that there shall be no third party beneficiaries of such reports, data or information. Client without disclosing to any third party any information concerning technical information, techniques, processes or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all claims, losses or damages, costs, demands, causes of action, suits and associated expenses including, but not limited to all court fees, litigation expenses and lawyers' attorney's fees in favor of Client or any third party as a result of, and/or in any way actually incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement, and/or transportation, handling or disposal of client's hazardous materials. In event of death of, personal injury to, or loss of, or loss of use of property to any of the foregoing Client, Client's employees, agents, subcontractors, or any other person or entity, whether or not employed by PCL or its employees. Further, this indemnification specifically applies to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any Unidentified Person, whether active or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any rights to which the Client may otherwise have in PCL and the other indemnified parties, by law, contract, or under applicable law. Client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption, litigation expenses or other fees (including, without limitation, attorney's fees, court costs, and the cost of your personnel's time), or any other expenses of client incurred by client or any other party in any litigation against or involving PCL or any indemnified parties in connection with this agreement or an action provided under this agreement except client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive unidentified materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic materials, wastes and substances which are defined, determined or described as such under federal, state or local laws, rules, PCL policies or regulations (as each may existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at Client's request shall remain the property of client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain hazardous materials. PCL reserves the right to charge the client for the disposal of unused samples at a cost in accord with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of submission on the date the services were rendered or such other mutually and then confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment prompt, orderly account has been established with PCL. For clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by applicable law, any amounts unpaid at the end of thirty (30) days (old, past or interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents fees associated with such collection proceedings or efforts.

13. Agreement Modification

Changes, modifications or amendments to these terms shall be effective only in writing and executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client is creating services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that such data, information and reports are not intended for or shall be used to entice, induce or encourage the purchase, sale, underwriting or distribution of any security, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded for cases of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All attempts will be made to meet holding times of 14 days or less; samples must arrive within 36 hours to allow PCL to meet holding times without applying a rush charge. All short holding times, 3-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the testing can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or client issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

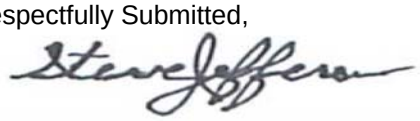
Attention: Ric Vardel
Report Date: 25-May-18 12:12
Subject: (MCC) Weekly EFF

Project/P.O.#: (MCC) Weekly EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18E0249-01) Collected: 10-May-18 By IPC						
Ammonia as N	EPA 350.1	AE81116	0.10	11-May-18 (SGS)	0.12 mg/l	
Nitrate as N	EPA 353.2	AE81115	0.02	11-May-18 (LA)	1.50 mg/l	
Nitrite as N	EPA 353.2	AE81115	0.02	11-May-18 (LA)	0.11 mg/l	
Total Kjeldahl Nitrogen	EPA 351.2	AE81533	0.10	16-May-18 (LA)	1.24 mg/l	
Total Suspended Solids	SM 2540D	AE81111	1	11-May-18 (EA)	1 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 5/25/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18E0249

Customer: IPC, Inc.		Project : **(MCC) Weekly EFF**	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine	CA 92618	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	05/10/18	1200	1	TSS	Grab	AQ	1L P	4°C	
	"	"	1	NH4, TKN	Grab	AQ	500 P	HS	
	"	"	1	NO2, NO3	Grab	AQ	500 P	4°C	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez IPC	05/10/18	
Received by		C. Tetra	5/10/18	12:30
Relinquished by				
Received by				
Relinquished by		C. Tetra PCL	5/10/18	1440
Received in Lab by			5/10/18	1441

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type: Grab, Comp

Matrix: AQ - Water; SO - Soil / Sludge; OT - Other

Bottle Type: P - Plastic; G - Amber Glass; VOA - 40 ml Vial; Coli - bacteria

Preservations: HC - HCl; HS - H_2SO_4; HN - HNO_3; HP - H_3PO_4; OH - NaOH; ST - Sodium Thiosulfate; AA - Ascorbic Acid; AI - $AlCl_3$; Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any addenda or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule, as such document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of this contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of environmental the profession where applicable. PCL will use analytical methodologies accepted in substantial conformity with the U.S. Environmental Protection Agency (EPA), U.S. Waterborne (USAF), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for such services. Client's execution of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the service, notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel perform the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence unless such information is generally available to the public or in the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data which such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning methods of analysis, software programs or other instruments.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to attorneys' fees, litigation expenses and awards arising in favor of Client or any third party as a result of, relating to any way occurring incident to, arising out of or in connection with the performance of services by PCL pursuant to this agreement (collectively, "Claims") caused solely or jointly by the negligence or willful misconduct of Client, its employees or agents, or any third party (excluding PCL and its employees) under the control or supervision of Client. To the extent, however, that any Claims are caused by the joint negligence or willful misconduct of PCL and Client or Client's employees, Client's obligation to indemnify, defend and hold PCL harmless shall be limited to Client's proportionate share of such Claims, damages, actions or expenses. Further, this indemnity shall specifically apply to claims, damages, actions or expenses of any kind or character arising out of or in connection with the negligence or willful misconduct of any authorized Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to, and not limited to, which Client is obligated to provide herein to PCL and the other Indemnified Persons. To the extent permitted under applicable law, Client agrees that its indemnity obligations will be satisfied by available liability insurance coverage Client furnishes, or shall maintain, or is required to maintain, to the maximum limits permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption, litigation expenses or other fees (including, without limitation, attorney's fees), court costs, and the cost of pre-judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any performance pursuant to or in connection with this agreement or as expressly provided under this agreement, even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analytical purposes only. Any hazardous substances (including, but not limited to, polychlorinated biphenyls (PCBs), bacteria or any other hazardous or toxic materials, wastes and substances which are defined, determined or designated as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous materials received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will maintain all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of stored samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of operations on the day the services were rendered or such other mutually agreed upon terms as may be in writing. The price schedule is subject to change at any time without notice. Payment in advance of actual analysis is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of invoices are NET CASH within sixty (60) days from date of invoice. To the fullest extent permitted by law or applicable law, any amount unpaid at the end of these (60) days shall accrue interest at the lesser of the maximum rate permitted by law to one and one half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees of agents, non-payment with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client's consulting services hereunder (if any) are solely for client's benefit, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants and agrees that said data, information and reports are not furnished, or shall be used by client, in connection with or in aid of the purchase, sale, underwriting, or dissemination of any securities. Any periodic or other reporting to the holders of any security, the securing, amendment, renewal or extension of any loan from any financial institution or other lender or the certification to or conclusions with agencies or industries, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and might be arrangeable in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded in cases of samples that are delivered on weekends or after hours or holidays without prior installation and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All other holding times (7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (turnaround 5-7 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late deliveries, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been quoted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

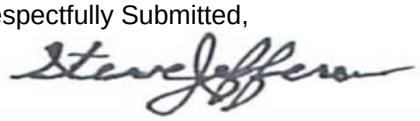
Attention: Ric Vardel
Report Date: 25-May-18 12:21
Subject: (MCC) Weekly INF

Project/P.O.#: (MCC) Weekly INF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
INF (Sample I.D.# : 18E0257-01) Collected: 10-May-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AE81110	2	16-May-18 (EA)	397 mg/l	
Total Suspended Solids	SM 2540D	AE81111	1	11-May-18 (EA)	151 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 5/25/2018
Laboratory Director

CHAIN OF CUSTODY RECORD

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340
Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18E0257

Customer: IPC, Inc.
Address: 9297 Research Drive
Irvine CA 92618

Project: (MCC) Weekly INF
Sampled by: Carlos Alvarez
Report Attention: Ric Vardel / Golan Kfir
P.O. #:
Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
	05/10/18	1210	1	TSS	Grab	AQ	1L P	4°C	
	(	)	1	BOD	Grab	AQ	1L P	4°C	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez IPC	05/10/18	
Received by	C-Tatum	C-Tatum PCL	5/10/18	12:30
Relinquished by				
Received by				
Relinquished by	C-Tatum	C-Tatum PCL	5/10/18	1440
Received in lab by			5/10/18	1440

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Sample Received Checklist

Temperature upon receipt: 4c
# of bottles agrees with COC? (Yes) No
Samples intact? (Yes) No
Samples properly preserved? (Yes) No
Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____
Final Flow _____

Sample Type	Preservations
(Grab) Comp	HC - HCl
Matrix	HS - H_2SO_4
(AQ) - Water	HN - HNO_3
SO - Soil / Sludge	HP - H_3PO_4
OT - Other	OH - NaOH
Bottle Type	ST - Sodium Thiosulfate
(P) - Plastic	AA - Ascorbic Acid
G - Amber Glass	AI - $AlCl_3$
VOA - 40 ml Vial	Cu - $CuSO_4$
Coli - bacteria	

Rev 2 Effective 5/1

Pat-Chem Lab (PCL) Terms and Conditions

1. Definitions

2. Independent Contractor

3. Orders and Acceptance

4. Limit of Liability

5. Clients Responsibility

6. Cancellation

7. Overriding Agreement

8. Force Majeure

9. Confidentiality

10. Hold Harmless

11. Hazardous Substances

12. Prices/Payments

13. Agreement Modification

14. No Third Party Beneficiaries: No Right of Reliance

15. Rush Analysis

16. Holding Times

17. Sample Retention

18. Sample Pick Up/Field Tech Sampling

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 29-May-18 12:41
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18E0282-01) Collected: 11-May-18 By Ca						
Biochemical Oxygen Demand	SM 5210B	AE81333	2	18-May-18 (EA)	16 mg/l	
pH	SM4500-H-B	AE81221	0.1	11-May-18 (JC)	7.6 pH Units	
Residual Chlorine	SM 4500 Cl-G	AE81220	0.05	12-May-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AE81113	1.8	15-May-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AE81113	1.8	15-May-18 (PL)	350.0 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 5/29/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18Eo282

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	05/01/18	1130	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	
			2	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez IPC	05/11/18	
Received by	EB	Evan L. PM	5.11.18	1330
Relinquished by	EB	Evan L. PM	5.11.18	
Received by				
Relinquished by				
Received in lab by		RLL	5/14/18	1600

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	HC - HCl
Comp	HS - H_2SO_4
Matrix	HN - HNO_3
AQ - Water	HP - H_3PO_4
SO - Soil / Sludge	OH - NaOH
OT - Other	ST - Sodium Thiosulfate
Bottle Type	AA - Ascorbic Acid
P - Plastic	Al - $AlCl_3$
G - Amber Glass	Cu - $CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these terms and conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his/her, its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL)'s standard price schedule as such document may be amended or released from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modification to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's explicit assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "Services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the Services in accordance with the normal standards of care/reliability in the profession where applicable. PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (CARB), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided hereon, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by/owned or at client's request and the results obtained by PCL shall be held in confidence unless such information is generally available to the public or is the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees that there shall be no third party beneficiary of such reports. Client or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees (the "Litigation") asserted and awards arising in favor of client or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, injury, disease or death of persons or loss of, damage to, loss of, or loss of use of property and/or a financial loss of every kind or character. This indemnity does not specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence or willful misconduct of PCL or its employees. Further, this indemnity does

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

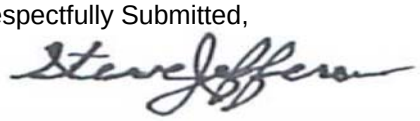
Attention: Ric Vardel
Report Date: 29-May-18 12:44
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18E0289-01) Collected: 12-May-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AE81333	2	18-May-18 (EA)	16 mg/l	
pH	SM4500-H-B	AE81336	0.1	12-May-18 (JC)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AE81335	0.05	13-May-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AE81222	1.8	16-May-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AE81222	1.8	16-May-18 (PL)	6.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 5/29/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: EFF 18E0289

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Ric VARDEL	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	5/12	1110	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
"	"	"	1	BOD	Grab	AQ	1L P	4°C	
"	"	"	2	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Ric VARDEL (IPC)	5/12	1115
Received by		Alex Walker Jr.	5/12/18	1115
Relinquished by				
Received by				
Relinquished by				
Received in lab by		Alex Walker Jr	5/12/18	1335

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC?	Yes	No
Samples intact?	Yes	No
Samples properly preserved?	Yes	No
Samples in holding time?	Yes	No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
(Grab)
Comp

Matrix
(AQ) - Water
SO -Soil / Sludge
OT - Other

Bottle Type
(P) - Plastic
G - Amber Glass
VOA - 40 ml Vial
(Coli) - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" herein (these Terms) and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who or which requests laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL enters and will accept orders for services (or product pursuit) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may order services by submitting a written work of such by (QQC) to PCL. Any such order established 2. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and / or agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the Client's consent to and to be governed by these terms and conditions. No boilerplate or additional terms and conditions established by a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of practice in the profession, where applicable, PCL will use analytical methodology in which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), U.S. Pharmacopeia (USP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. To the full extent of PCL, its officers, agents, employees or subcontractors or the Client, arising out of or in connection with the services to be provided herein, shall not exceed the amount of the total services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provision to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the collection of the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sensitive information provided to client or at client's request and the results obtained by PCL shall be held in confidence unless such information is generally available to the public or is required to be disclosed to the PCL for governmental agencies or in the event of the agreement. Subject to any disclosure required by law or legal process, PCL shall use the same standard of care to prevent disclosing its own confidential data and shall not be responsible for unauthorized disclosure of all data unless such disclosure is caused by PCL's gross and intentional misconduct. Any and the exclusive use and benefit of client, and client agrees that there shall be no third parties beneficiaries of such reports, data or information. Client will not disclose to any third party any of PCL's pricing, technical information, software programs or other items of value.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, agents, affiliates, subsidiaries and agents harmless from and against any and all actions, suits, demands, claims, losses, liabilities and expenses (including attorneys' fees) of whatever kind and nature whatsoever, arising out of, or in connection with the performance of services by PCL, and costs, any agreement and/or representation hereunder, or any of client's breach of warranty, negligence or willful misconduct, including, but not limited to, claims for bodily injury, illness or death of persons, property damage, damage to the environment or natural resources, or any other loss, damage or expense, including reasonable attorneys' fees and costs, arising out of or in connection with the performance of services hereunder by PCL, or any of its employees, agents or subcontractors, except to the extent that such claims, damages, liabilities or expenses are caused by the gross negligence or willful misconduct of PCL or its employees. Client shall indemnify and hold harmless PCL from and against any and all claims, demands, actions, suits, damages, liabilities, losses, settlements, judgments, costs and expenses (including, without limitation, attorney's fees, court costs and other dispute resolution expenses) which may be asserted against PCL by any person or entity, including client, arising out of or in connection with this agreement or any services performed or to be performed by PCL on behalf of client or any sample provided by client, including, but not limited to, any claim, demand, action or suit for bodily injury, illness or death of any person or damage to or destruction of any property, real or personal, caused by the negligence or willful misconduct of client or its employees, subcontractors or agents. In no event shall PCL be liable to client or any third party for any consequential, incidental or punitive damages, including without limitation, loss of profits or business interruption, whether such claim is based upon breach of contract, tort (including negligence), strict liability or otherwise. Client shall indemnify, defend and hold PCL harmless from any and all claims, demands, actions, suits, damages, liabilities, losses, settlements, judgments, costs and expenses (including, without limitation, attorney's fees, court costs and other dispute resolution expenses) which may be asserted against PCL by any person or entity, including client, arising out of or in connection with this agreement or any services performed or to be performed by PCL on behalf of client or any sample provided by client, including, but not limited to, any claim, demand, action or suit for bodily injury, illness or death of any person or damage to or destruction of any property, real or personal, caused by the negligence or willful misconduct of client or its employees, subcontractors or agents. In no event shall PCL be liable to client or any third party for any consequential, incidental or punitive damages, including without limitation, loss of profits or business interruption, whether such claim is based upon breach of contract, tort (including negligence), strict liability or otherwise.

11. Hazardous Substances

For PCL to perform the services required by client, client will provide and PCL will employ proper methods for analyzing any and all hazardous, poisonous, flammable, explosive, bacteria or any other hazardous or toxic substance, material, waste, and substances which are declared, determined or identified as such under federal, state or local laws, rules, PCL's policies or regulations (whether now existing or hereafter enacted or promulgated, as they may be amended from time to time) (collectively the "Hazardous Materials"). Client understands and agrees that any hazardous materials received by PCL from client or at client's request shall remain the property of client and shall, upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain hazardous materials. PCL reserves the right to charge client cost for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any lab purposes whatsoever, client will be charged a sample disposal fee per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of operation on the date the charges were rendered or as otherwise agreed and fully confirmed in writing. The price schedule is subject to change at any time without notice. Invoices in advance of work and payment is required for all new clients or until a history of payment and/or credit approval has been established with PCL. For client clients with an established credit account, the terms for payment of charges are NET CASH unless otherwise stated on the invoice, to the fullest extent permitted by law, any amount unpaid after the end of thirty (30) days is subject to interest at one and one half percent (1.5%) per month or the highest amount permitted by law, whichever is less, and any unpaid amounts are collected through legal proceedings, or by an attorney, the client shall pay reasonable costs and attorney's fees or agency fees associated with such collection procedure or suit.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL. Client hereby acknowledges and agrees that any counterpart terms or additional terms may be rejected at PCL in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability to client's use of or reliance on data, information, or reports from client to PCL. Client is acting exclusively under for his own account and not as agent or broker for or any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants and agrees that no such data, information and reports are not to be used, or shall be used to any other, in connection with or in part of the preparation, with or without, or dissemination of any prospectus, any security or other registration or filing pursuant to any action by the securities commission, or otherwise, or any loan from any financial institution or other lender or the participation in or connection with any of its directors, and governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of circumstances are delivered or unreasonable after Client has received notice of any modification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. For analytes with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. For analytes having a 3 days, samples must arrive at the lab within 24 hours before extra charges means that the holding times can be met. Short Holding Times of 24 hours or less or extremely hard to meet or delivered that there may be added or guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Samples held past the 30 day period is by request only. Extended long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been included on the fee schedule. Reasonable time has been allotted for each pick up or vendor. Considerably delays during the pick up or sampling might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 29-May-18 12:47
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18E0296-01) Collected: 13-May-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AE81531	2	20-May-18 (LL)	<2 mg/l	
pH	SM4500-H-B	AE81438	0.1	13-May-18 (SS)	7.2 pH Units	
Residual Chlorine	SM 4500 Cl-G	AE81534	0.05	13-May-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AE81334	1.8	17-May-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AE81334	1.8	17-May-18 (JC)	2.0 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 5/29/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18E0296

Customer: IPC, Inc.		Project : (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Ric Vardel	P.O. #:
Irvine	CA 92618	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	5/13	1100	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
〃	5/13	1100	1	BOD	Grab	AQ	1L P	4°C	
〃	5/13	1100	2	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Ric Vardel (IR)	5/13	1251
Received by		Jordan Corkery (Patchem)	5/13	1251
Relinquished by				
Received by				
Relinquished by				
Received in lab by		Alex Walker Jr	5/13/18	1430

RV Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Matrix	Bottle Type
Grab	AQ - Water	P - Plastic
Comp	SO - Soil / Sludge	G - Amber Glass
	OT - Other	VOA - 40 ml Vial
		Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. **Definitions**

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments thereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means the Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

2. **Independent Contractor**

PCL acts solely as an independent contractor in performing all services.

3. **Orders and Acceptance**

PCL offers and will accept orders for services (as defined herein) only under the following Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. Any conflict between the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

Client may order services by submitting a written sheet of quote (QOS) to PCL. Any such order constitutes Client's acceptance to the intent of PCL's offer to do business with the Client under the terms and conditions hereof. All agreements to be bound to these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the Client's request and intent to be governed by these terms and conditions. No conditions or additional terms and conditions submitted in a client's document shall be deemed to become a part of the contract, except upon acceptance of the Terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including production of all equipment and materials to be furnished by PCL.

4. **Limit of Liability**

PCL will perform the services in accordance with the normal standards of recommended for the profession. Where applicable, PCL will use only those methodologies either are in substantial conformity with the U.S. Environmental Protection Agency (EPA), US Watercourt (USGS), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods for the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or circumstances of the sampling or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL's Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services rendered hereunder, save and except to the contrary in any client purchase orders or contracts.

5. **Clients Responsibility**

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. **Cancellation**

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. **Overriding Agreement**

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services. All other placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. **Force Majeure**

PCL shall not be responsible for delay or failure to perform its services pursuant to this agreement due to causes beyond its control.

9. **Confidentiality**

Data and the sample materials provided by client or to client's request and the results obtained by PCL shall be kept in confidence unless such information is generally available to the public or to the public domain, or client has given PCL his or its express written consent to disclose such information. Client shall not disclose PCL reports and information provided hereunder to the general public and Client and Client Agents shall not be to third party beneficiaries of such reports. Any information, client will not disclose to any third party without prior consent of PCL, except as required by law.

10. **Hold Harmless**

Client releases, defends, indemnifies, and holds PCL, its employees, officers, directors, agents, affiliates and parent harmless from and against any and all liabilities, losses or damages, claims, demands, costs or suits, and expenses including, but not limited to, amounts from the litigation or settlement, including attorneys' fees of CLIENT or PCL, directly or indirectly arising out of or in connection with the performance of services by PCL pursuant to this agreement and any transportation, handling or disposal of client's samples, or client's failure to perform its obligations hereunder, whether based on negligence, breach of contract or otherwise, except to the extent such liabilities, losses or damages are caused by the gross negligence or willful misconduct of PCL, its employees, officers, directors, agents, affiliates or subcontractors in the performance of services under this agreement. The foregoing shall not apply to any liabilities, losses or damages which the client might suffer or incur as a result of PCL's performance of services hereunder. To the extent permitted by applicable law, in no event shall PCL be liable to client for any indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profits or business interruption, regulatory expenses or other fines, including, without limitation, attorney's fees and costs, whether or not PCL was advised of the possibility of such damages) suffered or incurred by client or any third party in any way connected with PCL's performance of services hereunder or in connection with this agreement or any transaction contemplated under this agreement, even if client or the prevailing party.

11. **Hazardous Substances**

For PCL to perform the services requested by client, client will provide PCL with sufficient sample material for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, waste and substance as where are defined, determined or prohibited as such under federal, state or local laws, rules, PCL policies or regulations (collectively existing or hereafter enacted or promulgated or any official interpretation of any of the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL is to be stored at client's request, shall remain the property of client and shall upon completion of PCL's services, PCL will dispose of all unused portions of samples as directed by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition all samples received by PCL for any soil chemical analysis, client will be charged a sample disposal fee per sample submitted, in accordance with our QA/QC policies and procedures.

12. **Prices/Payments**

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of acceptance of the order for the services were rendered or work performed and later reinforced in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment can be established. Net terms have been established with PCL for client clients with an established credit account. The terms for payment of invoices are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by law and by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid principal. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees of agents, and associated with such collection, regardless of offset.

13. **Agreement Modification**

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by those authorized to enter into contracts on behalf of their respective parties for said mutual benefit, either verbal or in writing.

14. **No Third Party Beneficiaries; No Right of Reliance**

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports that were or may be provided to client's employees, representatives, clients, agents, and users or others, or any other representative capacity for any other person or entity. It is agreed and acknowledged that there is no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that such data, information and reports are not to be relied upon by any other person or entity for any purpose whatsoever, without first obtaining the written consent of PCL. Client shall indemnify and hold PCL harmless from and against any and all claims, actions, suits, proceedings, costs, expenses, damages and liabilities, including reasonable attorneys' fees, arising out of, connected with, or resulting from any such unauthorized use, distribution or reliance by client or any third party.

15. **Rush Analysis**

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. **Holding Times**

PCL cannot be responsible for holding times that are exceeded due to lack of sample, that are delivered on weekends or after 5pm on weekdays, improper sample preservation and acceptance. Standard holding times and storage conditions should be reviewed prior to any sampling activity by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 24 hours or less, samples must arrive within 36 hours to allow PCL to meet holding times without applying a rush surcharge. All other holding times, 3-7 days, samples must arrive at the lab within 72 hours before we can be sure that the holding times can be met. Short Holding Times, of 48 hours or less (Fecals), it is found must be delivered that same day in order to guarantee holding times are met. After hours, late deliveries, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. **Sample Retention**

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. **Sample Pick Up/Field Tech Sampling**

All pick up/sampling times have been created on a five (5) hour window. Acceptable time for these allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 29-May-18 12:50
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18E0306-01) Collected: 14-May-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AE81531	2	20-May-18 (LL)	<2 mg/l	
pH	SM4500-H-B	AE81716	0.1	14-May-18 (SS)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AE81534	0.05	15-May-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AE81439	1.8	18-May-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AE81439	1.8	18-May-18 (JC)	13.0 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 5/29/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18E0306

Customer: IPC, Inc.		Project : (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Golan Kfir	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field / Lab
EFF	5/14/18	10:15	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.5 10.2°C
	"	"	1	BOD	Grab	AQ	1L P	4°C	
	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	Golan Kfir IPC	5/14/18	
Received by	C. Tafan PCL	5/14/18	12:00
Relinquished by			
Received by			
Relinquished by	C. Tafan	5/14/18	1430
Received in lab by		5/14/18	1430

Sample Received Checklist

Temperature upon receipt: 4°C
# of bottles agrees with COC? Yes No
Samples intact? Yes No
Samples properly preserved? Yes No
Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____
Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule and any additions or amendments to which we agreed to in writing. "Client" means the individual or entity who may request laboratory services, including on sampling services and those persons, employees, affiliates and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule 24, such document may be amended or removed from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written field of verbal request to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under these terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or provision of consulting services shall take the Client's actions stated to be governed by these terms and conditions. No additional or additional terms and conditions expressed on a client's document shall be deemed to become a part of this contract created upon acceptance of the terms and conditions.

For purposes of this agreement, "Services" shall mean all work to be performed for the client, including all results of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the general standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or characteristics of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided hereon, shall not exceed the invoiced amount for said services. Client's execution of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample matrices provided by client or at client's request and the results obtained by PCL shall be held in confidence; however such information generally available to the public or in the public domain or already known by PCL or otherwise in breach of this agreement, subject to any disclosure required by law or legal process, PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data when such standard was observed. PCL reports and information provided hereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any reference to this testing, such information, or PCL employees or other information.

10. Hold Harmless

Client releases and does agree, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and assigns harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and expenses including, but not limited to all court fees, litigation costs and attorneys fees and costs allowing in favor of Client or any third party as a result of, relating to, any way asserting, incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or any quotations, purchase orders or proposals client has submitted, 1. Injury, illness or death of persons 2. loss of, damage to, loss of use of, or loss of value of property and/or 3. the arrival, loss of every kind of character. This indemnification does not apply to any of the foregoing losses, costs, damages or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, client's responsibility specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence of or acts or omissions by any subcontracted Person, whether active or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to and not limited to all rights that PCL has at law or in equity. PCL shall not be liable for any indirect, consequential, special, punitive or other damages (including, without limitation, loss of profit or business interruption, Litigation Expenses or other fees, including, without limitation, attorney's fees, court costs, and all of PCL's out-of-pocket expenses), or any other expenses incurred by client or any other party in any litigation, against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement, even if client or the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive complete materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, waste and substances which are defined, determined or described as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of limited samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any lab performed analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of operations or the date the services were rendered or with other mutually and then confirmed in writing. The price schedule is subject to change at any time without notice. Following delivery of the analysis is completed to requested by all new clients to verify history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by law or by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agency fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or opinions furnished by PCL. Client is retaining services here under for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party shall rely on any data, information or reports. Client represents, warrants and agrees that said data, information and reports are not required, or shall be used to obtain financing or refinancing of any transaction with any lender, or determine the validity of any lien, title, the securing, amortization, renewal, or extension of all or part from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times if at all when and for some of samples that are delivered on weekends or after 2pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times (i.e. 15 days), samples must arrive at the lab within 24 hours after generation to ensure that the holding times can be met. Short Holding Times of 48 hours or less for certain analytes must be delivered the same day in order to guarantee holding times are met. After hours, late deliveries, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Longer storage for longer periods is by request only. Pre-arranged long-term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be accessed on a hourly fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

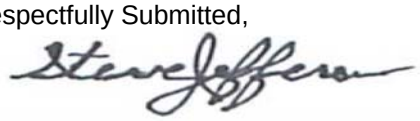
Attention: Ric Vardel
Report Date: 29-May-18 12:52
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18E0332-01) Collected: 15-May-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AE81631	2	21-May-18 (SGS)	<2 mg/l	
pH	SM4500-H-B	AE81716	0.1	15-May-18 (SS)	7.6 pH Units	
Residual Chlorine	SM 4500 Cl-G	AE81638	0.05	15-May-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AE81536	1.8	17-May-18 (JC)	2.0 MPN/100 ml	
Total Coliforms	SM 9221B	AE81536	1.8	17-May-18 (JC)	33.0 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 5/29/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18E0332

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field / Lab
EFF	05/15/18	0940	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.6 15.7°C
			1	BOD	Grab	AQ	1L P	4°C	
1	1	1	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	Carlos Alvarez IPC	05/15/18	
Received by	C-Tatum PCL	5/15/18	12:20
Relinquished by			
Received by			
Relinquished by	C-Tatum PCL	5/15/18	1500
Received in lab by		5/15/18	1520

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC?	Yes / No
Samples intact?	Yes / No
Samples properly preserved?	Yes / No
Samples in holding time?	Yes / No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Matrix	Bottle Type
Grab	AQ - Water	P - Plastic
Comp	SO - Soil / Sludge	G - Amber Glass
	OT - Other	VOA - 40 ml Vial
		Coli - bacteria

Preservations

HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of Sale, including the price schedule, and any additions or amendments to which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession where applicable. PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (SWAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or components of the samples or results while based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or subcontractors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or in the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement), subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided hereunder are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees (including litigation expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, injury, illness or death of persons 2. loss of, damage to, loss of, or loss of use of property and/or 3. financial loss of every kind or character arising out of or in connection with the negligence or breach of contract by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any rights which the client might otherwise have in PCL and the other Indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption), litigation expenses or other fees (including, without limitation, attorney's fees, court costs, and fees pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client or the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of consultation, the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or upon analysis is considered is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agency fees associated with such collection procedures or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not represented or shall be used to relied upon in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, placement, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced, if, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 5pm on weekdays without prior modification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times (<7 days), samples must arrive at the lab within 24 hours before expiration to ensure that the holding time can be met. Short Holding Times of 48 hours or less (Bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late deliveries, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

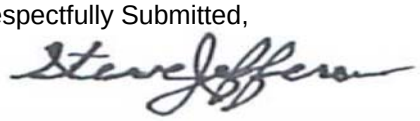
Attention: Ric Vardel
Report Date: 29-May-18 13:03
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18E0389-01) Collected: 16-May-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AE81708	2	22-May-18 (EA)	6 mg/l	
pH	SM4500-H-B	AE81716	0.1	16-May-18 (SS)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AE81717	0.05	17-May-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AE81637	1.8	18-May-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AE81637	1.8	18-May-18 (JC)	2.0 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 5/29/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18E0389

Customer: IPC, Inc.		**Project :** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** Carlos Alvarez	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field (Lab)
EFF	05/16/18	1100	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.4
"	"	"	1	BOD	Grab	AQ	1L P	4°C	
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez IPC	05/16/18	
Received by		C. Tatum PCL	5/16/18	1230
Relinquished by				
Received by				
Relinquished by		C. Tatum PCL	5/16/18	1600
Received in lab by			5/16/18	1600

Sample Received Checklist

Temperature upon receipt: 4°C
# of bottles agrees with COC? Yes No
Samples intact? Yes No
Samples properly preserved? Yes No
Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____
Final Flow _____

Sample Type	Preservations
Grab	HC - HCl
~~Comp~~	HS - H_2SO_4
Matrix	HN - HNO_3
AQ - Water	HP - H_3PO_4
~~SO - Soil / Sludge~~	OH - NaOH
OT - Other	ST - Sodium Thiosulfate
Bottle Type	AA - Ascorbic Acid
P - Plastic	AI - $AlCl_3$
~~G - Amber Glass~~	Cu - $CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of Sale, including the price schedule, and any additional agreements between which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, including or sampling services and its or its owners, successors, assigns and representatives. "Price schedule" means the then Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which shall incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No printed or additional terms and conditions expressed in a client's document shall be deemed to override a part of the contract created upon acceptance of these terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession where applicable. PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for such services. Client's acceptance of a work order and/or proposal release PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel perform the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out of pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence unless such information is generally available to the public at the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided hereunder are for the exclusive use and benefit of client and client agrees that shall be no third party beneficiaries of such reports, data or information. Client authorize disclose to any third party any information concerning technical information, software, processes or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees, litigation Expenses and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or manufacturing, handling or disposal of client's hazardous materials, i.e. injury, disease or death of persons 2. Lawsuit, damage to, loss of, or loss of use of property and/or 3. Financial loss of every kind of share, for. The indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the indemnified Persons have to PCL and the other indemnified Persons. To the extent necessary under applicable law, Client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption, Litigation Expenses or other fees including, without limitation, attorney's fees, court costs, and/or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement, even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, waters and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or in cash and/or is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are net 30 days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amounts unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only if writing and executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall by used or relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities and periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded for some of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 7-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 25-May-18 12:19
Subject: (MCC) Weekly EFF

Project/P.O.#: (MCC) Weekly EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18E0388-01) Collected: 16-May-18 By IPC						
Ammonia as N	EPA 350.1	AE81713	0.10	17-May-18 (SGS)	0.17 mg/l	
Nitrate as N	EPA 353.2	AE81714	0.02	17-May-18 (SGS)	<0.02 mg/l	
Nitrite as N	EPA 353.2	AE81714	0.02	17-May-18 (SGS)	0.02 mg/l	
Total Kjeldahl Nitrogen	EPA 351.2	AE81711	0.10	18-May-18 (LA)	0.89 mg/l	
Total Suspended Solids	SM 2540D	AE81810	1	21-May-18 (EA)	1 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 5/25/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18E0388

Customer: IPC, Inc.		Project: (MCC) Weekly EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	05/16/18	1102	1	TSS	Grab	AQ	1L P	4°C	
"	"	"	1	NH4, TKN	Grab	AQ	500 P	HS	
"	"	"	1	NO2, NO3	Grab	AQ	500 P	4°C	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name / (Company)	Date	Time
Relinquished by		Carlos Alvarez IPC	05/16/18	
Received by		C. Tatum PCL	5/16/18	1230
Relinquished by				
Received by				
Relinquished by		C. Tatum PCL	5/16/18	1600
Received in lab by				

Sample Received Checklist

Temperature upon receipt: _____

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, including or excluding services and/or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or released from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. An acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. An agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or utilization of consulting services constitutes the client's assent to be governed by these terms and conditions. No printed or additional terms and conditions appearing on a client's document shall be deemed to modify any of the terms created upon acceptance of these terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession where applicable. PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), 2A Watershed (CLAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL's Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and actual out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and/or sample material provided by client or at client's request, and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is in the public domain or client has released PCL for all services rendered in connection to present or the agreement) subject to any disclosure required by federal or state law. PCL shall use the same standard of care in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such data where such standard was observed. PCL reports and information prepared hereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose or any third party any information concerning proprietary information, software programs or other methodology.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses, damages, claims, demands, causes of action, suits and charges and expenses including, but not limited to, attorneys' fees (the "Losses") incurred and awarded against or suffered by Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. It is client's duty to warn PCL of any hazardous, toxic, radioactive or other dangerous characteristics of samples or client's materials prior to PCL's performance of services. Client shall indemnify and hold PCL harmless from any and all claims, demands, causes of action, suits, damages, losses, liabilities, costs and expenses (including, without limitation, attorneys' fees, court costs and expert witness fees) arising out of or in connection with the negligence or misconduct of client, its employees, agents, subcontractors or any other person or entity for whom client is responsible (collectively, the "Client Indemnified Parties"), whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to, and not in lieu of, any other indemnities, rights or remedies which the client might otherwise have at PCL and the Client Indemnified Parties shall not be liable under such indemnities unless client is given prompt written notice of any claim for which client will be responsible hereunder, and client will be supported by available liability insurance coverage or be furnished by client, which insurance will be for the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for incidental, punitive, special, consequential or compensatory damages, including without limitation, loss of profits or business interruption, even if such damages, costs or other fees, including, without limitation, attorney's fees, court costs, and the cost of expert judgment attempts, or any other expenses or costs incurred by client or any other party in any litigation relating to or involving PCL or any of its related parties in connection with this agreement, as a remedy provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, formalin or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (collectively, as existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request, shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for asphalt bulk/wet analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of submission of the order the services were ordered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment is due once all work analysis is completed if required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of invoices are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by law by applicable law, any amounts unpaid at the end of thirty (30) days shall be subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. Unpaid amounts are collected through legal proceedings by an attorney. The client shall pay reasonable costs and attorney's fees as agreed for associated with such collection procedure or action.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by such authorized representative. Except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, interpretation, or reports furnished by PCL. Client is acting as independent contractor for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, interpretation or reports. Client represents, warrants, and agrees that such data, interpretations and reports are not requested, or shall be used by the client or its contractor, solely as part of the exercise, use, underwriting, or distribution of any insurance, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or coordinating with a circle of individuals and governmental agencies or departments.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or other days or which are otherwise prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without incurring a rush charge. All other holding times, 7-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria, 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, weight tolerance delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods may be available. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES
QUALITY ANALYTICAL SERVICES SINCE 1987
1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

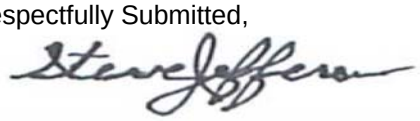
Attention: Ric Vardel
Report Date: 29-May-18 13:27
Subject: (MCC) Weekly INF

Project/P.O.#: (MCC) Weekly INF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
INF (Sample I.D.# : 18E0390-01) Collected: 16-May-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AE81708	2	22-May-18 (EA)	366 mg/l	
Total Suspended Solids	SM 2540D	AE81810	1	21-May-18 (EA)	271 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 5/29/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18E0390

Customer: IPC, Inc.		Project : (MCC) Weekly INF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine	CA 92618	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
INF	05/16/18	1200	1	TSS	Grab	AQ	1L P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	
1	1	1							
Geotracker EDD:									
Logcode: IPCI Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez IPC	05/16/18	
Received by		C. Tatum PCL	5/16/18	1230
Relinquished by				
Received by				
Relinquished by		C. Tatum PCL	5/17/18	1600
Received in lab by			5/17/18	16:11

Sample Received Checklist

Temperature upon receipt: 4 °C

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The client's delivery of samples to PCL or initiation of sampling services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (RWQB), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL's Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation, in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed electronic or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such data where such standard was observed. PCL reports and information provided hereunder are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning services or information, software programs or other technologies.

10. Hold Harmless

Client releases, and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, financial damages, claims, demands, causes of action, suits and associated expenses including, but not limited to attorneys fees (the obligation if agreement and hereby arising in favor of Client or any third party as result of, and to the any occurring incident to arising out of or in connection with the performance of services by PCL pursuant to this agreement and/or Manufacturer, handling or disposal of client's hazardous materials, injury, disease or death of persons or loss of damage to, loss of or loss of use of property and/or 3. breaches (or of every kind of character). This indemnity does not apply to any of the foregoing costs, claims, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall not be construed to include, claims, damages, actions of every kind and character arising out of or in connection with the negligence or breach of contract by any Indemnified Person, whether active or passive, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might have with respect to PCL and the other Indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligations will be supported by available liability insurance coverage to be furnished by client, with limits which shall be not a maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, exemplary, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and costs and expert witness fees), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or services provided under this agreement even if client or the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, waste and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and shall upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any lab bacterial analysis client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of operation(s) for work the services were rendered or with prices noted and terms confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or upon execution is required for all new clients or until a history of payment and/or credit account has been established with PCL. For clients (client) with an established credit account, the terms for payments of all invoices are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by all by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If legal proceedings are initiated through legal proceedings or by an attorney, the client agrees to pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by clients authorized representative. Verbal or oral approved orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for its own account and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not transmitted, or shall be used to solicit sales to investors, and/or as part of the purchase, sale, underwriting, or dissemination of any securities, bill, permits, or other reporting to the holders of any security, the securing, investment, renewal, or extension of any loan from any financial institution or other lender or the certification to or consulting with brokers, underwriters, governmental agencies or departments.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are received on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours (unless PCL is made holding times without penalty of such exchange). All short holding times, 1-7 days, samples must arrive at the lab within 24 hours. Some exceptions to ensure that the holding times can be met. Short Holding Times of 48 hours or less (Pursuing 24 hours) must be delivered most same day in order to guarantee holding times are met. After hours, late delivery, or weekend delays or similar issues are subject to additional rush fees and/or site visit(s), to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for atleast thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been included on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

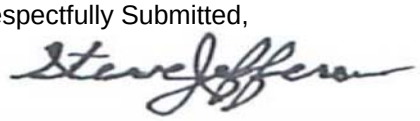
Attention: Ric Vardel
Report Date: 29-May-18 13:08
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18E0423-01) Collected: 17-May-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AE81808	2	23-May-18 (EA)	8 mg/l	
pH	SM4500-H-B	AE82236	0.1	17-May-18 (SS)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AE81815	0.05	18-May-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AE81715	1.8	21-May-18 (PL)	2.0 MPN/100 ml	
Total Coliforms	SM 9221B	AE81715	1.8	21-May-18 (PL)	11.0 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 5/29/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18E0473

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Golan Kfir	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field (Lab)
EFF	5/17/18	12:30	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.5
			1	BOD	Grab	AQ	1L P	4°C	
			2	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	Golan Kfir IPC	5/17/18	12:40
Received by	C-Tatum pcl	5/17/18	1240
Relinquished by			
Received by			
Relinquished by	C-Tatum	5/17/18	1435
Received in lab by		5/17/18	1430

Sample Received Checklist

Temperature upon receipt: 4°C
# of bottles agrees with COC? Yes No
Samples intact? Yes No
Samples properly preserved? Yes No
Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Matrix	Bottle Type
Grab	AQ - Water	P - Plastic
Comp	SO - Soil / Sludge	G - Amber Glass
	OT - Other	VOA - 40 ml Vial
		Coli - bacteria

Preservations

HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and conditions of sale, including the price schedule and any amendments or modifications which are agreed to in writing. "Client" means the individual or entity who may receive laboratory services, consulting or sampling services and his or its heirs, successors, assigns, and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or its Location of Consulting Services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "Services" shall mean all work to be performed for the client, including provision of All equipment and materials to or furnished by PCL.

4. Limit of Liability

PCL will perform the Services in accordance with the normal standards of performance in the profession where, applicable, PCL will use analytical methodology in which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), the Watertown (TIAR), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services representing any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the consulting, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample matrix(ces) supplied by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is in the public domain or Client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereunder are for the exclusive use and benefit of client and client agrees that there shall be no third party beneficiary of said reports, data or information. Client will not disclose to any third party any information concerning technical information, methods, programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees, (the judgment rendered and awards going in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL hereunder by any agent or representative, handling, [illegible] of Client's hazardous materials, [illegible] waste, [illegible] of services 2. loss of, damage to, injury to, or death of any person or property and/or 3. financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages, or liabilities caused by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to future claims, damages, actions of every kind and character arising out of or in connection with the negligent or wrongful conduct by any Indemnified Person, whether actual or alleged, in the performance of this agreement or any renewal. The foregoing indemnities will be in addition to any rights which the Client might otherwise have in PCL and the other Indemnified Persons. To the fullest extent permitted under applicable law, Client agrees that its indemnity obligations will be supported by available liability insurance arranged to be furnished by Client, which insurance shall be, to the maximum amounts permitted under applicable law, in no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption. Litigation Expenses as follow: Each party to pay its own litigation attorney's fees, court costs, and pre and post judgment interest, or any other expenses to cover incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or noncombustible wastes and substances which are defined, designated or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and after upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all biological analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or as otherwise quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is retaining services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not transmitted, or shall be used to refer to, in connection with or as part of the prospectus, offering, or solicitation of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times if we are provided the date of samples that are delivered on weekends or after 4pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. For analytes with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. For most holding times of 7 days, samples must arrive at the laboratory 24 hours before expiration to ensure that the holding time can be met. Short Holding Times of 48 hours or less (Chlorine, pH, Nitrite) must be delivered that same day in order to guarantee holding times are met. After hours, late deliveries, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the prearranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 29-May-18 13:11
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18E0454-01) Collected: 18-May-18 By RV						
Biochemical Oxygen Demand	SM 5210B	AE82028	2	25-May-18 (EA)	24 mg/l	
pH	SM4500-H-B	AE82236	0.1	18-May-18 (SS)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AE81927	0.05	19-May-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AE81814	1.8	21-May-18 (PL)	4.0 MPN/100 ml	
Total Coliforms	SM 9221B	AE81814	1.8	21-May-18 (PL)	14.0 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 5/29/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: ~~EFF~~ 1BEM54

Customer: IPC, Inc.		Project : (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Ric VARDEL	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	5/18	1145	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
11	11	11	1	BOD	Grab	AQ	1L P	4°C	
11	11	11	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by		Ric VARDEL (IPC)	5/18	1145
Received by	EB	Green	5.18.18	1245
Relinquished by	EB	Green	5.18.18	
Received by				
Relinquished by				
Received in lab by		KL	5.18.18	1600

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC?	Yes	No
Samples intact?	Yes	No
Samples properly preserved?	Yes	No
Samples in holding time?	Yes	No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	HC - HCl
Comp	HS - H_2SO_4
Matrix	HN - HNO_3
AQ - Water	HP - H_3PO_4
SO -Soil / Sludge	OH - NaOH
OT - Other	ST - Sodium Thiosulfate
Bottle Type	AA - Ascorbic Acid
P - Plastic	Al - $AlCl_3$
G - Amber Glass	Cu -$CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to be or form a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of client's initial order and all subsequent orders for additional services, whether placed in writing or verbally except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by Client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or in the public domain or client was tried to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided therein are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. Injury, disease or death of persons 2. Loss of, damage to, theft of, or loss of use of property and or 3. Financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including without limitation, loss of profit or business interruption) Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement, even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material), wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all biological analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations at the date the services were rendered or such prices no longer and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection process by or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is retaining services hereinafter for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times may be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 7-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria 30 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 29-May-18 13:14
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18E0471-01) Collected: 19-May-18 By RV						
Biochemical Oxygen Demand	SM 5210B	AE82028	2	25-May-18 (EA)	29 mg/l	
pH	SM4500-H-B	AE82236	0.1	19-May-18 (SS)	7.3 pH Units	
Residual Chlorine	SM 4500 Cl-G	AE82130	0.05	19-May-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AE81926	1.8	21-May-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AE81926	1.8	21-May-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 5/29/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18E0471

Customer: IPC, Inc.		Project : (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Ric VARDEZ	
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	P.O. #:
			Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	5/19	1000	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
〃	〃	〃	1	BOD	Grab	AQ	1L P	4°C	
〃	〃	〃	2	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by	(FRIDGE)	RicVARDEZ (IPC)	5/19	1015
Received by		Alex Walker Jr	5/19	1055
Relinquished by				
Received by				
Relinquished by				
Received in lab by		Alex Walker Jr	5/19/18	1313

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC?	Yes	No
Samples intact?	Yes	No
Samples properly preserved?	Yes	No
Samples in holding time?	Yes	No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Pat-Chem Laboratories (PCL) Terms and Conditions

1. **Definitions**

"Terms and Conditions" means these Terms and Conditions of Sale, including the price schedule, and any amendments or other terms to which we agree in writing. "Client" means the individual or entity to whom we provide laboratory services, including an existing customer and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. **Independent Contractor**

PCL acts solely as an independent contractor in performing all services.

3. **Orders and Acceptance**

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms constitute a legal agreement in writing which governs and regulates the Terms. No modification to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The Client may order services by submitting a written request of Client's (QQC) to PCL. Any such order constitutes Client's acceptance by the client of PCL's offer to do business with the client under the terms and conditions stated herein. All agreements to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's explicit consent to be governed by these terms and conditions. No additional terms and conditions contained in a client's documentation will be deemed to become a part of this contract unless specifically agreed to in writing by PCL.

For purposes of this Agreement, "services" shall mean all work to be performed for the client, including any provision of all equipment and materials to be furnished by PCL.

4. **Limit of Liability**

PCL will perform the services according with the normal standards of performance in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), U.S. Watertown (USGS), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgment of PCL. Deviations, if any, will be made in a manner consistent with the recognized standard of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL to officers, agents, employees or customers to the client arising out of or in connection with the services to be provided hereon, shall not exceed the invoiced amounts for said services. Client's execution of a service order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. **Clients Responsibility**

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. **Cancellation**

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. **Overriding Agreement**

The parties agree that the Terms shall govern performance of client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. **Force Majeure**

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. **Confidentiality**

Data and the results obtained by PCL shall be confidential between PCL and client. Client consents and the results obtained by PCL shall be kept confidential between PCL and client. Client consents to the disclosure of the data and results obtained by PCL to any governmental agency or to any person ordered by a court of competent jurisdiction to receive such information. Client consents to the disclosure required by law or legal process but shall limit the scope thereof to data or work performed by PCL hereunder. Client agrees that PCL shall not be responsible for unauthorized disclosure of such data, whether such disclosure is due to PCL's negligence or otherwise, unless such disclosure is due to PCL's willful misconduct. Client shall not disclose any information or data relating to PCL's methodologies, procedures or other confidential information of PCL to any third party without the prior written consent of PCL.

10. **Hold Harmless**

Client agrees to, and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent companies (collectively, "Indemnified Parties") harmless from and against any and all claims, demands, causes of action, damages, losses, costs and expenses, including, but not limited to, attorneys' fees, litigation expenses and court costs, that may be asserted against or suffered by any Indemnified Party as a result of, or in any way relating to, services arising out of, or in connection with the services and/or transportation of samples or data or client's breach of these terms and conditions or any other agreement between client and PCL, including, but not limited to, any claims, demands or causes of action asserted by any third party as a result of any alleged negligent act or omission of client or any Indemnified Party, whether or not client is joined as a party to such claim, demand or cause of action. Client's obligations under this section shall apply to the fullest extent permitted by law, including, but not limited to, indemnification of the Indemnified Parties for their own negligence, whether such negligence is the sole cause of any loss, damage or injury, or a contributing cause of any loss, damage or injury, but shall not apply to the extent that any loss, damage or injury is caused by the gross negligence or willful misconduct of PCL or any of its employees. Further, client's indemnification obligations under this section shall not be limited by any limitation on the amount or type of damages, compensation or benefits payable by or for client or any of its subcontractors under workers' compensation acts, disability benefit acts or other employee benefit acts, and client's indemnification obligations under this section shall extend to claims occurring after this agreement is terminated as well as while it is in force. In the event any Indemnified Person is made a party to any judicial, administrative, arbitration or other proceeding which may be brought, or threatened to be brought, against client in connection with the services, client shall pay on demand all costs, damages, attorneys' fees and other expenses that may be incurred by such Indemnified Person in connection with or upon such proceeding, whether or not such Indemnified Person is named as a party to such proceeding. All such costs, damages, attorneys' fees and other expenses shall be paid as they are incurred and within thirty (30) days after such Indemnified Person delivers to client a written detailed and itemized statement of such costs, damages, attorneys' fees and other expenses. Client's duty to indemnify Indemnified Persons under this section shall survive the expiration or termination of this agreement for a period equal to the applicable statute of limitations for actions based on any facts or conditions that occurred during the term of this agreement, even if claims are asserted after the statute of limitations has run.

11. **Hazardous Substances**

For PCL to perform the services requested by client, client will provide and PCL will receive complete information for proposed work or activities, personal exposure, chemicals, bacteria or any other substance or circumstance known to client and which may be hazardous, toxic or dangerous to the health or safety of PCL employees, agents or subcontractors in the performance of PCL's services hereunder. Client acknowledges that PCL is relying on such information provided by client and that PCL cannot perform the services properly or safely unless client provides such information. Client agrees to indemnify and hold harmless PCL and its employees, officers, directors, agents, affiliates, subsidiaries and parent companies (collectively, "Indemnified Persons") from and against any and all claims, demands, causes of action, damages, losses, costs and expenses, including, but not limited to, attorneys' fees, litigation expenses and court costs, that may be asserted against or suffered by any Indemnified Person in connection with or arising out of client's failure to provide complete, accurate and adequate information regarding potential hazards associated with samples or work activities. Client agrees to hold harmless and indemnify Indemnified Persons in the manner described in the preceding paragraph for any claims, demands, causes of action, damages, losses, costs and expenses that may be asserted against or suffered by any Indemnified Person in connection with or arising out of PCL's performance of services in accordance with the then current Material Safety Data Sheet ("MSDS") or other information provided to PCL by client, to the extent that such claims, demands, causes of action, damages, losses, costs and expenses are caused in whole or in part by inaccurate information provided by client or by the failure of client to provide complete information regarding potential hazards associated with samples or work activities. Client's obligations under this section shall apply to the fullest extent permitted by law, including, but not limited to, indemnification of the Indemnified Persons for their own negligence, whether such negligence is the sole cause of any loss, damage or injury, or a contributing cause of any loss, damage or injury, but shall not apply to the extent that any loss, damage or injury is caused by the gross negligence or willful misconduct of PCL or any of its employees. Further, client's indemnification obligations under this section shall not be limited by any limitation on the amount or type of damages, compensation or benefits payable by or for client or any of its subcontractors under workers' compensation acts, disability benefit acts or other employee benefit acts, and client's indemnification obligations under this section shall extend to claims occurring after this agreement is terminated as well as while it is in force. In the event any Indemnified Person is made a party to any judicial, administrative, arbitration or other proceeding which may be brought, or threatened to be brought, against client in connection with the services, client shall pay on demand all costs, damages, attorneys' fees and other expenses that may be incurred by such Indemnified Person in connection with or upon such proceeding, whether or not such Indemnified Person is named as a party to such proceeding. All such costs, damages, attorneys' fees and other expenses shall be paid as they are incurred and within thirty (30) days after such Indemnified Person delivers to client a written detailed and itemized statement of such costs, damages, attorneys' fees and other expenses. Client's duty to indemnify Indemnified Persons under this section shall survive the expiration or termination of this agreement for a period equal to the applicable statute of limitations for actions based on any facts or conditions that occurred during the term of this agreement, even if claims are asserted after the statute of limitations has run.

12. **Prices/Payments**

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of performance (at the time the services were rendered) or with prices quoted and confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance as well as analysis is completed is required for all new clients or until a history of payment and the credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET cash within thirty (30) days from date of invoice. To the fullest extent permitted by law, a finance charge of one and one-half percent (1.5%) per month on the unpaid balance is due on amounts not disputed through legal proceedings or by an attorney. The client shall pay reasonable costs and attorney's fees as agreed, fair and justified with such collection procedure or action.

13. **Agreement Modification**

Changes, additions or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client. Unless otherwise agreed to in writing, subsequent orders for additional services may be verbal or in writing.

14. **No Third Party Beneficiaries: No Right of Reliance**

PCL does not accept responsibility or liability for any work, advice or data communicated or delivered by PCL to Client's existing or future lender for loan purposes, and will not appear or testify in any other capacity or study. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely upon data, information or reports. Client makes no warranty, and agrees that no data, information and reports will be delivered, or shall be used or relied upon, in connection with or in support of any purchase, sale, refinancing, or determination of value of any real property, including, but not limited to, any proposed or actual mortgage, deed of trust, or other transfer of any real property, or any mortgage loan, mortgage-backed security, or other financial instrument or investment. Client agrees that PCL is not a party to any transaction for which Client has engaged PCL and the other Indemnified Persons. To the fullest extent permitted by law, Client shall indemnify, defend, and hold harmless PCL and the other Indemnified Persons from and against any and all claims, losses, liabilities, damages, costs and expenses (including attorneys' fees and court costs) arising out of or in connection with any use, reliance, or misrepresentation by Client or any third party of any data, information or reports prepared or collected by PCL in connection with Client's engagement of PCL, including, but not limited to, any claims, losses, liabilities, damages, costs and expenses (including attorneys' fees and court costs) arising out of or resulting from the negligence of PCL or any Indemnified Person in performing PCL's services under this agreement, even if such claims are based in whole or in part on the negligence of one or more Indemnified Persons.

15. **Rush Analysis**

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. **Holding Times**

PCL cannot be responsible for holding times of client samples or aliquots of samples that are delivered on weekends or after 3pm on weekdays without prior notification and approval. Standard holding times and analysis conditions shall be strictly adhered to for samples being received by PCL. A list of holding times can be provided to the client upon request. All analyses with holding times of 72 hours or less, samples must arrive within 36 hours to allow PCL services holding without surcharge. Rush surcharge applies to holding times of 24 hours, samples must arrive at the lab within 24 hours to allow PCL to analyze the samples in time for the holding time. Holding times of 48 hours or more standard turn around time days in order to avoid rush surcharges. Holding times are met after hours, face delivery, freight company delays or severe issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this schedule and are subject to change without notice.

17. **Sample Retention**

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods may be requested. Any arranged long term storage is subject to an additional charge. Samples will be disposed of at the end of the pre-arranged storage time.

18. **Sample Pick Up/Field Tech Sampling**

All pick up/sampling fees have been included on the fee schedule. Reasonable time has been allocated for each pick up or sampler. Unnecessary delays during the pick up or sampling might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 29-May-18 13:16
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18E0474-01) Collected: 20-May-18 By RV						
Biochemical Oxygen Demand	SM 5210B	AE82229	2	27-May-18 (EG)	<2 mg/l	
pH	SM4500-H-B	AE82236	0.1	20-May-18 (SS)	7.6 pH Units	
Residual Chlorine	SM 4500 Cl-G	AE82130	0.05	21-May-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AE82027	1.8	22-May-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AE82027	1.8	22-May-18 (PL)	7.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 6/4/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18 E0474

Customer: IPC, Inc.		Project : (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Ric Vardel	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	5/20	1115	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
"	"	"	1	BOD	Grab	AQ	1L P	4°C	
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by	(FRIDGE)	Ric Vardel (IPC)	5/20	1115
Received by		Jordan Corkery (PatChem)	5/20	13:05
Relinquished by				
Received by				
Relinquished by				
Received in lab by				

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	HC - HCl
Comp	HS - H_2SO_4
Matrix	HN - HNO_3
AQ - Water	HP - H_3PO_4
SO - Soil / Sludge	OH - NaOH
OT - Other	ST - Sodium Thiosulfate
Bottle Type	AA - Ascorbic Acid
P - Plastic	Al - $AlCl_3$
G - Amber Glass	Cu - $CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these terms and conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract, regardless of PCL's acceptance of the terms and conditions.

For purposes of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of practice used in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), 40 waterlaw and (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client will be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by the client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public, or in the public domain, or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses to protect its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees (the "Litigation Expenses") and awards arising in favor of Client or any third party as a result of, and/or in any way connected, incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation (including or disposal of client's hazardous materials), 1. injury, disease or death of persons and/or 2. loss of, damage to, loss of, or use of/lack of property and/or 3. financial loss of every kind of character. This indemnification applies to any of the foregoing losses, costs, damages or liabilities caused in any way by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnification specifically applies to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence (or breach of warranty) by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the indemnified Persons have to PCL and the other Indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnification will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) whatsoever expenses or costs fees (including, without limitation, attorney's fees, court costs, and the value, post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client or the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other biological or toxic material, wastes and substances which are defined, determined or designated as such under federal, state or local laws, rules, PCL's policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of acceptance of the date the services were rendered unless prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit approval has been established with PCL. For those clients with an established credit account, the terms for payment are charged are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by at all by applicable law, any amounts unpaid at the end of thirty (30) days are subject to interest at the lesser of the maximum rate then allowed by law or one and one-half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection proceedings or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client's authorized representative, except that unpaid/given orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is relying services hereunder for his own account, and not as agent or broker, or any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall not be used to rely upon, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, consideration, renewal, or extension of any loan from any financial institution or other lender or the certification to or contractors, with directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any subsequent revision, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded for those of samples that are delivered on weekends or after 3pm on short days without prior notification and acceptance. Standard holding times for storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided by the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 24 hours of sampling. PCL strives to ship holding times without applying a rush surcharge. All short holding times, 7-7 days, samples must arrive at the lab within 24 hours. Please expedite to ensure that the holding times can be met. Short Holding Times of 48 hours or less (for example, 24 hours must be delivered that same day in order to guarantee holding times are met. After hours, late deliveries, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessarily delays during the pick up or sampling might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

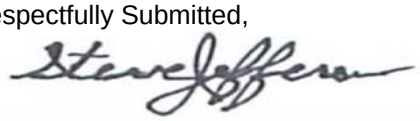
Attention: Ric Vardel
Report Date: 29-May-18 13:19
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18E0481-01) Collected: 21-May-18 By RV						
Biochemical Oxygen Demand	SM 5210B	AE82229	2	27-May-18 (EG)	<2 mg/l	
pH	SM4500-H-B	AE82236	0.1	21-May-18 (SS)	6.8 pH Units	
Residual Chlorine	SM 4500 Cl-G	AE82228	0.05	22-May-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AE82131	1.8	23-May-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AE82131	1.8	23-May-18 (JC)	49.0 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 5/29/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18E0481

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Ric VARDA	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	5/21	1100	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
11	11	11	1	BOD	Grab	AQ	1L P	4°C	
11	11	11	2	Total & Fecal Coliform	Grab	AQ	Coli	ST	

~~Geotracker EDD:~~
Logcode: IPCI
~~Global ID: WDR100000359~~

	Signature	Print Name (Company)	Date	Time
Relinquished by	(FRIDGE)	Ric VARDEL (IPC)	5/21	1110
Received by		Cuenco	5/21/18	1200
Relinquished by		Cuenco	5.21.18	
Received by				
Relinquished by				
Received in lab by			5-21-18	

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of Sale, including the price schedule and any additional or amended terms to which we are agree to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed on a client's document shall be deemed to be/ form a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provision to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Except for the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is in the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for inadvertent/ disclosure of said data, where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. Injury, disease or death of persons 2. Loss of, damage to, loss of, or loss of use of property and/or 3. Financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other Indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or as penalties provided under this agreement apply if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials") Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations at the time the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients who have established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by at any applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the Client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or efforts.

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Changes, modifications or amendments to the Terms shall be effective only in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or should be used/relied upon in connection with or as part of the purchase, sale, underwriting, or distribution of any securities. Any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to all samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (but not 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

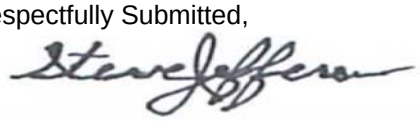
Attention: Ric Vardel
Report Date: 06-Jun-18 16:31
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18E0526-01) Collected: 22-May-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AE82327	2	28-May-18 (EG)	<2 mg/l	
pH	SM4500-H-B	AE83043	0.1	22-May-18 (SS)	7.3 pH Units	
Residual Chlorine	SM 4500 Cl-G	AE82228	0.05	22-May-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AE82226	1.8	25-May-18 (JC)	2.0 MPN/100 ml	
Total Coliforms	SM 9221B	AE82226	1.8	25-May-18 (JC)	7.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 6/6/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18E0526

Customer: IPC, Inc.		**Project:** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** Golan Kfir	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	5/22/18	12:20	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.3
	"	"	1	BOD	Grab	AQ	1L P	4°C	
	"	"	2	Total & Fecal Coliform	Grab	AQ	Coli	ST	

~~Geotracker EDD:~~
Logcode: IPCI
Global ID: WDR100000359

Signature	Print Name (Company)	Date	Time
Relinquished by: Gk	Golan IPC	5/22/18	12:30
Received by: C.Tafoya PCL	C.Tafoya PCL	5/22/18	12:35
Relinquished by:			
Received by:			
Relinquished by: C.Tafoya PCL	C.Tafoya PCL	5/23/18	1500
Received in lab by:		5/23/18	1600

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" shall mean these terms and conditions of sale, including the price schedule, and any additions or amendments to the which are agreed to in writing. "Client" means the individual or entity who may request laboratory analysis including or sampling services and hires. Its client, assistant, subject and representatives. "Price Schedule" means the Client Laboratories (PCL) standard price sheet as such document may be amended or removed from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing its services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions appearing in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or conditions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence unless such information is generally available to the public at the public domain, or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement, subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unintelligent disclosure of said data. Absent client's written consent, PCL reports and information is prohibited shared and for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its subsidiaries, officers, partners, agents, affiliates and parent harmless from and against any and all claims, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees (the Litigation Expenses) and awards arising in favor of client or any third parties as a result of and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. Injury, illness or death of person 2. Loss of, damage to, loss of, or theft of use of property and/or 3. Penalties, fees of every kind or character. This indemnity and hold harmless any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence or breach of contract by said Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other Indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption (Litigation Expenses or other fees including, without limitation, attorney's fees, court costs, and pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or any services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current Sample disposal policy. In addition, all samples received by PCL for any/all biological analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or client approval is required for all new clients and until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agency fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-3 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 06-Jun-18 16:28
Subject: (MCC) Monthly EFF

Project/P.O.#: (MCC) Monthly EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18E0524-01) Collected: 22-May-18 By IPC						
Boron	EPA 200.7	AE82324	0.10	23-May-18 (AF)	0.53 mg/l	
MBAS	SM 5540C	AE82323	0.20	23-May-18 (PL)	<0.20 mg/l	
Oil & Grease (HEM)	EPA 1664A	AE82338	5	24-May-18 (VD)	<5 mg/l	
Phosphorus, Total as P	EPA 365.1	AE82935	0.03	29-May-18 (LA)	0.04 mg/l	
Total Dissolved Solids	SM 2540C	AE82409	5	29-May-18 (EA)	756 mg/l	
Chloride	EPA 300.0	AE82509	0.5	29-May-18 (PL)	209 mg/l	
Sulfate as SO4	EPA 300.0	AE82509	0.5	29-May-18 (PL)	126 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 6/6/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18E0524

Customer: IPC, Inc.		Project : (MCC) Monthly EFF	
Address: 9297 Research Drive		Sampled by: Golan Kfir	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	5/22/18	12:20	1	SO4, Cl, TDS	Grab	AQ	1/2 Gal. P	4°C	
	"	"	1	MBAS	Grab	AQ	500 P	4°C	
	"	"	1	Oil & Grease	Grab	AQ	1L G	HC	
	"	"	1	Boron	Grab	AQ	250 P	HN	
	"	"	1	T.Phos	Grab	AQ	250 P	4°C	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by: Gk	Golan IPC	5/22/18	12:30
Received by: C. Tatum	C. Tatum pcl	5/22/18	12:35
Relinquished by:			
Received by:			
Relinquished by: C. Tatum	C. Tatum pcl	5/22/18	1510
Received in lab by:		5/22/18	1520

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" shall mean these terms and conditions of sale, including the price schedule and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who or which requests laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule, or such document that is amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services as defined herein only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications of the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the Client's consent hereto to be governed by these terms and conditions. Additional or additional terms and conditions contained in a client's document shall be deemed to become a part of this contract unless upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession, where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (CLAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature of compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided hereto, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the service notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the location which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Each and the sample materials is settled by client or at client's request, and the results obtained by PCL shall be held as confidential unless such information generally available to the public or to the public domain or client is so filed to pay. PCL for all services rendered or is otherwise in breach of the agreement) unless the are disclosure required by law or legal process. PCL shall use the same standard of care it uses to protect its own confidential data and shall not be responsible for unauthorized disclosure of said data while such data is in transit over networks. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees that shall be no third party beneficiaries of such reports, data or information. Client agrees to keep third party any information concerning methods, processes, software programs or other formulations.

10. Hold Harmless

Client releases and shall hold, indemnify, defend and save PCL, its employees, officers, directors, agents, affiliates, subsidiaries and successors harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, fines and costs, including, but not limited to, attorneys fees, litigation expenses and awards acting in favor of Client or resulting directly as a result of, unable in any way or using incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or negligent acts, omissions, bodily injury or death of persons 2. loss of, damage to, or use of loss of use of property; and/or 3. injuries to the environment of any kind or nature. The foregoing shall apply to any of the foregoing losses, costs, damages, and/or liabilities caused by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions or expenses arising out of or in connection with the negligence of or as may be caused by any indemnified Person, whether actively alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any rights to which the indemnified parties may have at PCL and the other indemnified Persons. To the extent necessary, prior qualification, client agrees client's insurance policy shall not be subject to the warranty holding insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profits, business interruption, any claim Expenses or other loss including, without limitation, attorney's fees, court costs, and the cost of any judgment thereof, or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or any services provided under this agreement, even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide, and PCL will receive complete materials for analytes such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic materials, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any official administrative interpretation of any thereof) the "Hazardous Materials". Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or via PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any lab bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of commencement of the date the services were rendered or with prior written and client's continued invoicing. The price schedule is subject to change at any time without notice. Payment of advance or down payment is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by law or by applicable law, any amounts unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law to one and one half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees as agreed, that associated with such collection procedures or dispute.

13. Agreement Modification

Changes, modifications or amendments to the Terms shall be effective only in writing and executed by an officer of PCL and by a duly authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client is retaining services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to induce same, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of the securities, any bank loan, any financial institution or other lender or for certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush services are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded on case of samples that are delivered on weekends or after 7pm for weekdays without prior notification and an approval. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 24 hours or less, samples must arrive within 36 hours to allow PCL to meet holding times without applying any rush surcharge. All tests holding times 2-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding time can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, flight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 29-May-18 13:30
Subject: (MCC) Weekly EFF

Project/P.O.#: (MCC) Weekly EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18E0523-01) Collected: 22-May-18 By IPC						
Ammonia as N	EPA 350.1	AE82411	0.10	24-May-18 (SGS)	0.17 mg/l	
Nitrate as N	EPA 353.2	AE82332	0.10	23-May-18 (LA)	2.44 mg/l	
Nitrite as N	EPA 353.2	AE82332	0.02	23-May-18 (LA)	<0.02 mg/l	
Total Kjeldahl Nitrogen	EPA 351.2	AE82405	0.10	25-May-18 (LA)	0.88 mg/l	
Total Suspended Solids	SM 2540D	AE82328	1	23-May-18 (EA)	<1 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 5/29/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18E0523

Customer: IPC, Inc.		Project: (MCC) Weekly EFF	
Address: 9297 Research Drive		Sampled by: Golan Kfir	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	5/22/18	12:20	1	TSS	Grab	AQ	1L P	4°C	
			1	NH4, TKN	Grab	AQ	500 P	HS	
			1	NO2, NO3	Grab	AQ	500 P	4°C	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by: GK	Golan IPC	5/22/18	12:30
Received by: C. Tatum pCL	C. Tatum pCL	5/22/18	12 55
Relinquished by:			
Received by:			
Relinquished by: C. Tatum pCL	C. Tatum pCL	5/22/18	1500
Received in lab by:		5/22/18	15

Sample Received Checklist

Temperature upon receipt: 4°C
# of bottles agrees with COC? (Yes) No
Samples intact? (Yes) No
Samples properly preserved? (Yes) No
Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____
Final Flow _____

Sample Type
(Grab)
Comp

Matrix
(AQ - Water)
SO - Soil / Sludge
OT - Other

Bottle Type
(P - Plastic)
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of Sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who or which requests laboratory services, including all samples, services and fees, its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following Orders & Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modification to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or retention of consulting services constitutes the Client's express assent to be governed by these terms and conditions. No terms and or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are substantially compliant with the U.S. Environmental Protection Agency (EPA), 24 Watershed (ESAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) & the Examination of Water and Wastewater, and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or deliverable based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL's Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order will (or proposal releases PCL from any liability in excess of the invoiced amount for the services (notwithstanding any provisions to the contrary in any client purchase orders or contracts).

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is publicly available to the public or is the public domain or Client has told to pay PCL for all services rendered or if otherwise in provision of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for inadvertent disclosure of said data where such standard was observed. PCL reports and information provided thereunder is the exclusive property of client and client agrees that there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning technology, software, programs or other modifications.

10. Hold Harmless

Client agrees and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to, all court fees, the Litigation's approved and awards acting in favor of Client or any third party as a result of, and/or in any way according, pertaining to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement, provided that contractual handling or disposal of client's hazardous materials, E. coli, invasive or death of personnel, loss of, damage to, use of, or loss of use of property and/or a transaction loss of every kind of character. The indemnity shall not apply to any of the foregoing losses, costs, damages or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence (not breach of contract) by any unidentified person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any rights to which the client might otherwise have in PCL and the other indemnified persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable for client for indirect, punitive, special, consequential or incidental damages (including without limitation, loss of profits or business interruption) Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and/or any re-sort judgment interest), or any other expenses for costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or as provided for under this agreement even if client or the possibility was

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, waste and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of the terms of the "Hazardous Materials"). Client understands and agrees that any hazardous material supplied to PCL by client or at client's request shall remain the property of client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain hazardous materials. PCL reserves the right to charge the client for the disposal of unused samples at accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for viral/all bacterial analysis. Client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or where a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoice, to the fullest extent permitted by law or applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If any/all amounts are collected through legal proceedings or by an attorney, the client must pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only if in writing and executed by an officer of PCL and by client's authorized representative. Except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use or reliance on data, information, or reports furnished by PCL. Client is acting on own behalf and not for the benefit, account and risk as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client expressly warrants and agrees that such data, information and reports are not represented or shall be used by or on behalf of, or in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with a principal contractor, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All client holding times are 7 days. Samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (Bacteriology 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling visits will be accessed an additional fee.

PAT-CHEM
LABORATORIES
QUALITY ANALYTICAL SERVICES SINCE 1987
1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

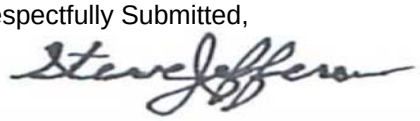
Attention: Ric Vardel
Report Date: 06-Jun-18 16:26
Subject: (MCC) Weekly INF

Project/P.O.#: (MCC) Weekly INF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
INF (Sample I.D.# : 18E0525-01) Collected: 22-May-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AE82408	2	29-May-18 (EA)	459 mg/l	
Total Suspended Solids	SM 2540D	AE82513	1	25-May-18 (SGS)	247 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 6/6/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18E0525

Customer: IPC, Inc.		Project: (MCC) Weekly INF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
INF	05/22/18	1210	1	TSS	Grab	AQ	1L P	4°C	
1	1	1	1	BOD	Grab	AQ	1L P	4°C	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez IPC	05/22/18	
Received by		C-Tatum PCL	5/22/18	1235
Relinquished by				
Received by				
Relinquished by				
Received in lab by			5/22/18	1235

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type: **Grab** / **Comp**

Matrix: **AQ** - Water; **SO** - Soil / Sludge; **OT** - Other

Bottle Type: **P** - Plastic; **G** - Amber Glass; **VOA** - 40 ml Vial; **Coli** - bacteria

Preservations: **HC** - HCl; **HS** - H_2SO_4; **HN** - HNO_3; **HP** - H_3PO_4; **OH** - NaOH; **ST** - Sodium Thiosulfate; **AA** - Ascorbic Acid; **Al** - $AlCl_3$; **Cu** - $CuSO_4$

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No conditions or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession where applicable. PCL and its employees/technologists which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (CLWP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and all of pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample material provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or in the public domain or client has given PCL his all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning technical information, methods, program or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to court fees, litigation expenses and awards arising in favor of client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, illness or death of persons 2. injury to, damage to, loss of, or loss of use of property and/or 3. financial loss of every kind or character. This indemnification shall apply to any of the foregoing losses, costs, damages, or injuries suffered by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to toxic waste damages, actions of every kind and character arising out of or in connection with the negligence or act or lack of conduct by any Indemnified Person, whether active or passive in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other Indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption, litigation expenses or attorney fees including, without limitation, attorney's fees, court costs and the cost of post judgment interest, or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any Indemnified Person in connection with this agreement or otherwise provided under this agreement even if client or the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any lab because analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operation on the date the services were rendered (i.e. unless quoted and later confirmed in writing). The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client is to pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or actions.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and the client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is engaging services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries of this agreement, and that no third party may rely on or validate, authentication or reports. Client expressly warrants and agrees that its data, information and reports are not intended, or shall be used or relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any interest, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or compliance with directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without adding a rush surcharge. All short holding times, i.e. 7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Some Holding Times of 48 hours or less therefore 4 hours must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the published date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Longer storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been estimated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

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(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

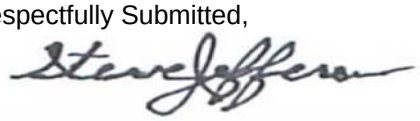
Attention: Ric Vardel
Report Date: 06-Jun-18 16:36
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18E0574-01) Collected: 23-May-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AE82408	2	29-May-18 (EA)	9 mg/l	
pH	SM4500-H-B	AE83043	0.1	23-May-18 (SS)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AE82415	0.05	24-May-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AE82331	1.8	26-May-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AE82331	1.8	26-May-18 (JC)	6.1 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 6/6/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18E0522

Customer: IPC (Integrated Performance Consultants, Inc.		Project : **(MCC) Weekly Process**	
Address: 9297 Research Drive		Sampled by: Golan Kfir	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	5/22/18	12:20	1	Turbidity	Grab	AQ	250 P	4°C	
	"	"	1	UVT	Grab	AQ	1L P	HS	
EQT	5/22/18	12:10	1	TKN	Grab	AQ	500 P	HS	
	"	"	1	TSS	Grab	AQ	1L P	4°C	
	"	"	1	BOD, COD	Grab	AQ	1L P	4°C	
BR2-AB3	5/22/18	12:10	1	TSS	Grab	AQ	1L P	4°C	
	"	"	1	VSS	Grab	AQ	1L P	4°C	

Signature	Print Name (Company)	Date	Time
Relinquished by	Golan IPC	5/22/18	12:30
Received by	C. Tatum PCL	5/22/18	1235
Relinquished by			
Received by			
Relinquished by	C. Tatum PCL	5/22/18	1500
Received in lab by		5/23/18	1520

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC? **Yes** No

Samples intact? **Yes** No

Samples properly preserved? **Yes** No

Samples in holding time? **Yes** No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of Sale, including the price schedule, and any addenda or amendments which are agreed to in writing. "Client" means the individual or entity who has request laboratory services, including in sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

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The Client may order services by submitting a written chain of custody ("COC") to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of sampling services constitutes the client's express assent to be governed by the terms and conditions. No additional or additional terms and conditions contained in a client's documents shall be deemed to be part of this contract unless agreed upon in acceptance of the Terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession, where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), state and federal rules of the Examination of Water and Wastewater, and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the sampling or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, whether out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

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6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample material provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has failed to pay PCL for all services rendered or is in default or breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care as it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning testing methods, software programs or other innovations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to, attorneys' fees, litigation costs incurred with respect thereto, arising out of client or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or from any claim, liability or violation of client's knowledge under all federal, state or local laws or regulations, including, but not limited to, loss of use of property and/or 3. financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages, or expenses caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall not apply to losses, claims, damages, or expenses arising out of or in connection with the negligent acts or breach of contract by any unidentified person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client otherwise may have to PCL and the other indemnified persons. To the extent not fully covered by insurance, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, with insurance limits in the maximum amounts permitted under applicable law. In no event shall PCL be liable for any indirect, punitive, special, or consequential damages (including, without limitation, loss of profit or business interruption). Litigation Expenses or costs fees (including, without limitation, attorneys fees, court costs, and collection costs, pre-judgment interest), or any other expenses to which incurred by client or any third party in any dispute against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement, even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, batteries or any other hazardous or toxic material, waste, and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request, shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for asphalt base metal analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of submission on the date the services were rendered or with prices quoted and later confirmed in writing. The fee is subject to change at any time without notice. A minimum in advance of work analysis completed is required for all new clients until a history of payment and/or credit account has been established with PCL. For these clients, with an established credit account, the terms for payment of charges are NET 30 (calendar basis) days from date of invoices. To the fullest extent permitted by law by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees to agents and established with such collection procedure or others.

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Changes, modifications or amendments to the terms shall be effective or binding only if executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished to PCL. Client is retaining services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not to be used or shall be used to induce action or inaction on the part of the purchase, sale, underwriting, or distribution of any securities, any product or other reporting to the holders of any security, the securing, establishment, renewal, or extension of any loan from any financial institution or other lender or the participation in or connection with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged or authorized. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to the samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours or prior PCL to meet holding times without applying a rush surcharge. All times holding times 7-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (typically 6 hours) should be delivered that same day in order to guarantee holding times are met. After hours, late delivery, weight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of our fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. The arranged long term storage is subject to an additional charge. Samples will be disposed of at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

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9297 Research Drive
Irvine CA, 92618

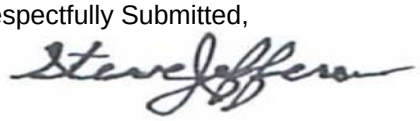
Attention: Ric Vardel
Report Date: 06-Jun-18 16:38
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18E0604-01) Collected: 24-May-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AE82511	2	30-May-18 (EA)	7 mg/l	
pH	SM4500-H-B	AE83043	0.1	24-May-18 (SS)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AE82517	0.05	25-May-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AE82414	1.8	27-May-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AE82414	1.8	27-May-18 (JC)	2.0 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 6/6/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18E0609

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	05/24/18	1140	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.4/24.2°C
			1	BOD	Grab	AQ	1L P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD: Logcode: IPCI Globai ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	05/24/18	1150
Received by		MARIO SANTIESTEBAN (PCL)	5/24/18	1150
Relinquished by		MARIO SANTIESTEBAN (PCL)	5/24/18	1400
Received by				
Relinquished by				
Received in lab by		PM	5-24-18	1600

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	HC - HCl
Comp	HS - H_2SO_4
Matrix	HN - HNO_3
AQ - Water	HP - H_3PO_4
SO - Soil / Sludge	OH - NaOH
OT - Other	ST - Sodium Thiosulfate
Bottle Type	AA - Ascorbic Acid
P - Plastic	Al - $AlCl_3$
G - Amber Glass	Cu - $CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modification to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of such terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other technical data.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees, litigation costs and all awards arising in favor of Client or any third party as a result of, and/or in any way resulting incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. Injury, illness or death of persons 2. Loss of, damage to, loss of, or use of property and/or 3. Financial loss of every kind of character. This indemnification applies to any of the foregoing losses, costs, damages or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence of or breach of this agreement by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the Client might otherwise have to PCL and the other Indemnified Persons. To the extent necessary, under applicable law, Client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the minimum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including without limitation, loss of profit or business interruption) Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and (or pre or post judgment interest)), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person or connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analytes such as: asbestos, polychlorinated biphenyls, bacteria or any other biological or toxic material, wastes and substances which are defined, determined or prohibited as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all potential analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of acceptance of the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when Analysis is completed is required for all new clients or upon statutory of payment and/or credit approval has been established (credit refused). The terms for payment of charges are NET (cash) within thirty (30) days from date of invoice. To the fullest extent permitted by or allowed by applicable law, any amounts unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are referred to any legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees, agents' fees associated with such collection process or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms of all be effective on in writing and executed by an officer of PCL or by clients authorized representative. Except as subsequent orders for additional services may be made or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is ordering services hereunder for its own account, and not as agent or broker, or on any other representative or capacity for other persons or entities. Client agrees and acknowledges that there are no third party beneficiaries to this agreement, and that no third party may rely upon data, information or reports. Client represents, warrants, and agrees that such data, information and reports are not to be used, or shall not be used or relied upon, in connection with or as part of any purchase, sale, underwriting, or distribution of any security, any private or other securities by the Client or any issuer, any security, investment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with any specific or indirect, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are expended because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times will be provided to the client if requested. All analytes with holding times of 14 days or less, samples must arrive within 96 hours (4 days) PCL can meet holding times without applying a rush surcharge. All short holding times, 1-7 days, samples must arrive at the lab within 24 hours before exposure to insure that the holding times can be met. Short Holding Times of 48 hours or less (excluding hours) must be delivered (not sampled) in order to guarantee holding times are met. After hours, late deliveries, weight samples, dumps or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for our pick up or service. Unnecessary delays during the pick up or sampling, might be invoiced an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

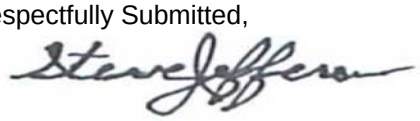
Attention: Ric Vardel
Report Date: 06-Jun-18 16:40
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18E0636-01) Collected: 25-May-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AE82730	2	01-Jun-18 (EA)	11 mg/l	
pH	SM4500-H-B	AE83043	0.1	25-May-18 (SS)	6.9 pH Units	
Residual Chlorine	SM 4500 Cl-G	AE82606	0.05	26-May-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AE82516	1.8	27-May-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AE82516	1.8	27-May-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 6/6/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18E0630

Customer: Water Quality Specialists		**Project:** Effluent Paradise Cove Mobile Home Park Weekly	
Address: 511 Venture St.	**Sampled by:** TOM HORN	**P.O. #:**	
Escondido CA 92029 CA 92029	**Report Attention:** Jon Coombs	**Phone #:** 760-745-2228	

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
Effluent	5-23-18	~~0830~~	2	Total, Fecal Coliforms, E. Coli & ~~Enterococcus~~	Grab	AQ	Coli	4°C	
Effluent		0945	1	Turbidity	Grab	AQ	500 P	4°C	

Signature	Print Name (Company)	Date	Time
Relinquished by	TOM HORN 5-25-18		1130
Received by	MARIO SANTIESTEBAN (PCL)	5/25/18	1150
Relinquished by	MARIO SANTIESTEBAN (PCL)	5/25/18	1520
Received by			
Relinquished by			
Received in lab by	PC	5-25-18	1600

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
~~Grab~~ Comp	HC - HCl
Matrix	HS - H_2SO_4
AQ - Water	HN - HNO_3
SO - Soil / Sludge	HP - H_3PO_4
OT - Other	OH - NaOH
Bottle Type	ST - Sodium Thiosulfate
P - Plastic	AA - Ascorbic Acid
G - Amber Glass	Al - $AlCl_3$
VOA - 40 ml Vial	Cu - $CuSO_4$
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of Sale, including the price schedule, and any additions or amendments hereto to which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services, and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the Client of PCL's offer to do business with the Client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or its location of requesting services constitutes the Client's express assent to be governed by these terms and conditions. No other any or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the Client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession [illegible] which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (CLRP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amounts for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Clients may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence unless such information is generally available to the public or to the public domain or client has told to pay PCL for all services rendered or is otherwise in breach of the agreement subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereby are for the exclusive use and benefit of client and client agrees that there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to attorneys' fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way relating in client to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, illness or death of persons, 2. loss of, damage to, use of, or loss of use of property and/or 3. financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages or expenses caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence (or failure of) of contractors by any interested person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the [illegible]. To the extent [illegible] applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law, or to which client will be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption, Litigation Expenses or other fees including, without limitation, attorney's fees, court costs, and pre or post judgment interest), or any other expenses to pass incurred by client or any other party in any litigation against or including PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all biological analysis client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client will pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and confirmed in writing. The price schedule is subject to change at any time without notice. Payment is due upon client's receipt of invoice and is required for all new clients or until a history of payment and/or credit account has been established with PCL. For clients only with an established credit account, the terms for payment of charges are NET 30 days from invoice date. To the fullest extent permitted by law or as will be by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable court and attorney's fees and all costs associated with such collection proceedings.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by officials of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity, agrees and acknowledges that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not republished or shall be used to relay upon, in connection with or as part of any advertising, solicitation or distribution of any securities, the securing, amendment, renewal or extension of any loan from any financial institution or other lender or the certification to or contracting with directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 2pm on weekdays without prior notification and/or approval. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times will be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 7-7 days, samples must arrive at the lab within 24 hours before exposition to ensure that the holding times can be met. Short Holding Times of 48 hours or less that require 24 hours must be delivered that same day in order to guarantee holding times are met. After hours, late deliveries, freight company delays for similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

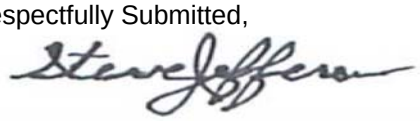
Attention: Ric Vardel
Report Date: 06-Jun-18 16:45
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18E0639-01) Collected: 26-May-18 By Ric Vardel						
Biochemical Oxygen Demand	SM 5210B	AE82730	2	01-Jun-18 (EA)	12 mg/l	
pH	SM4500-H-B	AE83043	0.1	26-May-18 (SS)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AE82606	0.05	26-May-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AE82603	1.8	29-May-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AE82603	1.8	29-May-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 6/6/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18E0647

Customer: IPC, Inc.		**Project :** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** Carlos Alvarez	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	05/28/18	0925	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	05/28/18	
Received by		Evan B	5/28/18	1250
Relinquished by				
Received by				
Relinquished by				
Received in lab by				

Sample Received Checklist

Temperature upon receipt: _____

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu -$CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who has requested laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such documents may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and sells all services hereunder solely on the terms set forth in these General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may order services by submitting a written (hard or electronic (EDI)) to PCL. Any such order constitutes 1. an acceptance by the Client of PCL's offer to do business with the Client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No ancillary or additional terms and conditions expressed in a client's document shall be deemed to constitute a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of performance in the profession where applicable. PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided hereon, shall not exceed the invoiced amount for said services. Client's execution of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample material provided by client or at client's request, and the results obtained by PCL shall be held in confidence (unless such information is previously available to the public or in the public domain or client has failed to pay PCL for all services rendered or if otherwise, in breach of the agreement) subject to any disclosure required by lawful legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided to clients are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other innovations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to, all court fees, litigation, investigation and awards arising in favor of Client or any third party, as a result of, and/or in any way resulting from/or in any way out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, disease or death of persons 2. loss of, damage to, trespass on, loss in use of property and/or 3. financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages, or liabilities caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to claims, damages, actions or causes of any kind or character arising out of or in connection with the negligence (if or breach of contract) by any indemnified Person, whether active or passive, in the performance of services under this agreement. The foregoing indemnities will be in addition to any insurance which the client might otherwise have in PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available client insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption, litigation expenses or other fees (including, without limitation, attorney's fees, court costs, and / or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person or connection with this agreement or as penalty provided under this agreement even if client or the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any official administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of archived samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any soil bacterial analysis client will be charged a sample disposal fee per sample submitted in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or such prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit is established with PCL for those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by all applicable law, any amounts unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balance. Unpaid amounts not collected through legal proceedings or by an attorney client shall pay reasonable costs and attorney's fees against fees associated with such collection proceedings or suits.

13. Agreement Modification

Changes, modifications or amendments to the Terms shall be effective only in writing and executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client in securing services hereunder for his own account, and not as agent or broker or on any other representative capacity for any other person or entity, represents and acknowledges that there are no third party beneficiaries to this agreement, and that all third party reliance on such data, information or reports is strictly prohibited. Client represents, warrants, and agrees that said data, information and reports are not transmitted, or shall be used or relied upon, in connection with or as part of any purchase, sale, underwriting, or any portion of any securities, any pending or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and charge conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client of requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 3-7 days, samples must arrive at the lab within 24-72 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria) 24 hours) must be delivered that same day to assist to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of our fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been quoted on the fee schedule, if/even if the time has been allocated for the pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

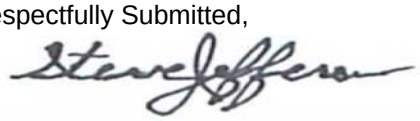
Attention: Ric Vardel
Report Date: 06-Jun-18 16:47
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18E0645-01) Collected: 27-May-18 By Carlos Alvarez						
Biochemical Oxygen Demand	SM 5210B	AE82929	2	03-Jun-18 (VL)	<2 mg/l	
pH	SM4500-H-B	AE83043	0.1	27-May-18 (SS)	7.2 pH Units	
Residual Chlorine	SM 4500 Cl-G	AE82936	0.05	27-May-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AE82733	1.8	29-May-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AE82733	1.8	29-May-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 6/6/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 185645

Customer: IPC, Inc.		**Project :** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** RicVARDZ	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	5/26	0715	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
"	"	"	1	BOD	Grab	AQ	1L P	4°C	
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD: Logcode: IPCI Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by	(FEDEX)	RicVARDZ (IPC)	5/26	0715
Received by	Cindy Martinez	Patchem	5/26	0715 8:32
Relinquished by	Cindy-M	Patchem	5/26	1:35PM
Received by				
Relinquished by				
Received in lab by			5-27-18	1800

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Matrix	Bottle Type
Grab	AQ - Water	P - Plastic
Comp	SO -Soil / Sludge	G - Amber Glass
	OT - Other	VOA - 40 ml Vial
		Coli - bacteria

Preservations

HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

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1. Definitions

"Terms and Conditions" means these terms and conditions of sale, including the price schedule, and any addendums or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms does not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The Client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the Client's consent to and to be governed by these terms and conditions. No client any or additional terms and condition expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of skill/knowledge in the profession where applicable. PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (STAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or deliverable based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or to come, true with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results spawned by PCL that are held in confidence (unless such information is generally available to the public or is the public domain or client has failed to pay PCL for all services rendered as to otherwise in breach of the agreement), subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data without such standard care observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software procedures or other know-how.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all claims, losses or damages, claims, demands, causes of action, costs and reasonable expenses including, but not limited to all court fees, litigation expenses, and attorney arising in favor of client or any third party as a result of, related in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or standard terms, handling or disposition of client's hazardous materials, 1. injury, illness or death of persons 2. loss of, damage to, loss of use of property and or 3. interference of any kind of civil right whatsoever. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, client agrees that its indemnity obligations will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption (mitigation expenses or other fees including, without limitation, attorney's fees, court costs and the like or your judgement interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or any services provided under this agreement, even if client or the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any or all chemical analysis, client will be charged a sample disposal fee per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of execution of the order, the services were rendered or such prices as may be agreed upon in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or unless a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of invoices are NET 30DAYS within thirty (30) days from date of invoices. To the fullest extent permitted by law, a finance charge of one and one half percent (1.5%) per month on the unpaid balance, if unpaid amount is collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees incurred for such collection proceedings or action.

13. Agreement Modification

Changes, modifications or amendments to the Terms shall be effective only in writing and executed by an officer of PCL and by duly authorized representative, except that subsequent orders for additional services may be placed orally or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is engaging services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. Client agrees and acknowledges that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that such data, information and reports are not requested, or shall not be used to refuse upon, in connection with or as part of any prospectus, sale, underwriting, or distributions of any securities. Any periodic or other reporting to the holders of any security, the securing, amendment, renewal or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed, prior to any samples being received by PCL. A list of holding times will be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times 2-7 days, samples must arrive at the lab, within 24 hours before weekends to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria, filtered) must be delivered next same day in order to guarantee holding times are met. Water hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

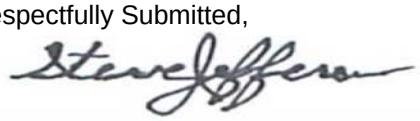
Attention: Ric Vardel
Report Date: 06-Jun-18 16:50
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18E0647-01) Collected: 28-May-18 By Carlos Alvarez						
Biochemical Oxygen Demand	SM 5210B	AE82929	2	03-Jun-18 (VL)	<2 mg/l	
pH	SM4500-H-B	AE83043	0.1	28-May-18 (SS)	7.1 pH Units	
Residual Chlorine	SM 4500 Cl-G	AE82936	0.05	29-May-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AE82927	1.8	31-May-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AE82927	1.8	31-May-18 (JC)	2.0 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 6/6/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18E0647

Customer: IPC, Inc.		**Project:** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** Carlos Alvarez	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	05/27/18	0805	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
"	"	"	1	BOD	Grab	AQ	1L P	4°C	
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	Carlos Alvarez (IPC)	05/27/18	0810
Received by	Jordan Corkery (Pat Chem)	05/27/18	1215
Relinquished by			
Received by			
Relinquished by			
Received in lab by	PC	5-27-18	16:00

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu -$CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The client's delivery of samples to PCL or invitation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the general standards of workmanship in the profession where applicable. PCL will use analytical methodologies which are in substantial compliance with the U.S. Environmental Protection Agency (EPA), CFR Watergaurd (FSAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provision to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees that shall be no third party beneficiaries of such reports, data or information. Client will not disclose any third party any information concerning pricing information, software programs or other consultations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, suits and actions, suits and reasonable expenses including, but not limited to all court fees, (the "Litigation Expenses") and penalties arising in favor of client or any third party as a result of, and/or in any way occurring incidental to, arising out of, or in connection with the performance of PCL pursuant to this agreement and/or misappropriation, handling or disposal of client's hazardous materials; 1. bodily injury or death of persons; 2. loss of, damage to, harm to, or loss of use of property and/or 3. contamination of every kind of client. For the purposes of this agreement, by way of the foregoing losses, costs, damages, will in no case be caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, client hereby also shall specifically agree to defend, indemnify, release all claims of every kind and character arising out of or in connection with the negligence, or breach of covenant by any Indemnified Person, whether active or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any remedy which the client may have in PCL and the other Indemnified Persons. To the extent permitted under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which coverage shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption. Litigation Expenses to whatever, without limitation, attorney's fees, court costs, and out of pocket judgment interests, or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, pesticide related chemicals, bacteria or any other hazardous or toxic materials, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any amendment or additional interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples or specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for analytical purposes, client will be charged a sample disposal fee per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of operations for [illegible] the services were rendered or with prices negotiated and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance, when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH and not later than [illegible] days from date of invoice. In the future, unless prohibited by applicable law, any amounts unpaid at the end of the [illegible] day period subject to interest at the lesser of the maximum rate authorized by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, then client shall pay reasonable court and attorney's fees, costs, and expenses associated with such collection proceedings or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective and binding only if executed by authorized representatives of PCL and by duly authorized representatives, except that subsequent orders for additional services may be oral or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

[illegible] have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client is executing services hereunder for its own account, and not as agent or representative any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and client no third party may rely on such data, information or reports. Client represents, warrants and agrees that said data, information and reports are not requested, or shall be used or relied upon in connection with or as part of any purchase, sale, underwriting, or distribution of any securities, any portion or offer relating to the benefit of any person, the securing, investment, renewal, or extension of any loan from any financial institution or other lender or the participation in or operating with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged or allowed. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on normal days without prior notification and acceptance. Standard holding times and storage conditions should be followed prior to the samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 24 hours to allow PCL to meet holding times without incurring a rush surcharge. All short holding times, 7-7 days, samples must arrive at the lab within 24 hours, prior exception to insure that the holding times can be met. Certain holding times of 48 hours or less shortly after sampling must be delivered that same day in order to guarantee holding times are met. After hours, late deliveries, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. For arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been outlined on the fee schedule. Reasonable fees has been allocated for a [illegible] pick up service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

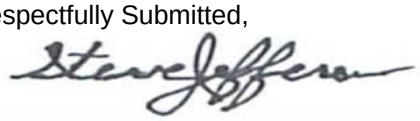
Attention: Ric Vardel
Report Date: 06-Jun-18 16:53
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18E0657-01) Collected: 29-May-18 By Golan Kfir						
Biochemical Oxygen Demand	SM 5210B	AE83034	2	04-Jun-18 (EA)	<2 mg/l	
pH	SM4500-H-B	AE83043	0.1	29-May-18 (SS)	7.3 pH Units	
Residual Chlorine	SM 4500 Cl-G	AE83042	0.05	30-May-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AE82927	1.8	31-May-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AE82927	1.8	31-May-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 6/6/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18E0657

Customer: IPC, Inc.		**Project:** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** Golan Kfir	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field / Lab
EFF	5/29/18	11:30	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.3/25.1°C
	"	"	1	BOD	Grab	AQ	1L P	4°C	
	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	Golan Kfir IPC	5/29/18	11:30
Received by	MARIO SANTESTEBAN (PCL)	5/29/18	1130
Relinquished by	MARIO SANTESTEBAN (PCL)	5/29/18	1335
Received by			
Relinquished by			
Received in lab by		5-29-18	1600

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC?	Yes	No
Samples intact?	Yes	No
Samples properly preserved?	Yes	No
Samples in holding time?	Yes	No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab Comp	HC - HCl HS - H_2SO_4 HN - HNO_3 HP - H_3PO_4 OH - NaOH ST - Sodium Thiosulfate AA - Ascorbic Acid Al - $AlCl_3$ Cu - $CuSO_4$
Matrix AQ - Water SO - Soil / Sludge OT - Other	
Bottle Type P - Plastic G - Amber Glass VOA - 40 ml Vial Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

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The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to the provisions of these terms and conditions. No boilerplate or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial "congruity" with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

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Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

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The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request, and the results obtained by PCL shall be held in confidence (unless such information is generally available or the public or in the public domain or client has ruled to pay PCL for all services rendered as confirmation of breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees that there shall be no third party beneficiary of any report, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses, damages, claims, demands, causes of action, costs and associated expenses, including, but not limited to all court fees, time, litigation expenses and awards, arising in favor of Client or any third party as a result of, and/or in any way occurring, incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement, and/or transportation, handling or disposal of client's samples or materials. It is hereby agreed that the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligent acts, breach of contract by or any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to and not limit which the client might otherwise have in PCL and the other indemnified Persons. To the extent not prohibited under applicable law, client agrees that its indemnity obligations will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business, interruption, litigation expenses or other fees (including, without limitation, attorney's fees, court costs, and the like or lost profits) whether or not any other provision or cause contained in this or any other party to any obligation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client or the prevailing party.

11. Hazardous Substances

For PCL to perform the Services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis client will be charged a sample disposal fee per sample submitted in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices otherwise later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or advance deposit is completed is required for all new clients or upon a change of payment and/or credit arrangement previously established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoice. To the fullest extent permitted by law, any amounts unpaid at the end of the thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, client shall pay reasonable costs and attorney's fees, agents' fees associated with such collection procedures or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability to parties other than client for any data, information, or reports furnished by PCL. Client is issuing services hereunder for his own account, agent or as agent or broker, or in any other representative capacity for any other person or entity. Client agrees and acknowledges that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants and agrees that said data, information and reports are not requested, or will be used to relied upon, in connection with or as part of any purchase, sale, underwriting, or distribution of any securities, any public or other reporting to the SEC or any person, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times for storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times will be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 24 hours (or allow PCL to assess holding times without applying a rush surcharge). All short holding (i.e. 7 days), samples must arrive at the lab within 24 to 48 hours depending on the analysis to ensure that the holding times are met. Short Holding Times of 48 hours or less that require delivery must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Prearranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been quoted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up/sampling might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 06-Jun-18 16:55
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18E0698-01) Collected: 30-May-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AE83108	2	05-Jun-18 (EA)	11 mg/l	
pH	SM4500-H-B	AF80443	0.1	30-May-18 (SS)	7.2 pH Units	
Residual Chlorine	SM 4500 Cl-G	AE83117	0.05	31-May-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AE83041	1.8	01-Jun-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AE83041	1.8	01-Jun-18 (PL)	2.0 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 6/6/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18E0698

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	05/30/18	1115	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	05/30/18	1130
Received by		Alex Walker JR (PCL)	05/30/18	1130
Relinquished by		Alex Walker JR (PCL)	5/30/18	1715
Received by				
Relinquished by				
Received in lab by			5/30/18	1715

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

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PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) or the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the sampling or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL's Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services (notwithstanding any provisions to the contrary in any client purchase orders or contracts).

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out of pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform its obligations pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by Client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or in the public domain or Client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement), subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of Client and third parties there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning methods of information, software, programs or other methodologies.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to, amount from time to time required to and paid to any third party as a result of, and/or in any way resulting, incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials), injury, damage or death of persons, property, damage to, loss of, or loss of use of property, and all financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages or liabilities caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to lawsuits, claims, damages, actions of every kind and character arising out of or in connection with the negligence or breach of contract by any intermediate person, whether active or passive, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which it might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by adequate liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption (whether expenses or other fees including, without limitation, attorney's fees, court costs, and/or pre-and post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive complete materials for analysis such as asbestos, polychlorinated biphenols, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies, regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any lab potential analysis client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance to client analysis is completed is required for all new clients or upon a history of delinquent and/or erratic accounts has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by all laws by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permissible by law or one and one-half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents fees associated with such collection procedures or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only if in writing and executed by an officer of PCL and by Client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client engaging services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity, it is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely upon data, information or reports. Client expressly releases, waives, and agrees that said data, information and reports are not intended, or shall be used to induce, or in connection with the extension of credit or the purchase, sale or participation in any securities, any corporate or other reporting or the preparation of any report by the securing, amendment, renewal or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 7-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria) a hazard must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, weight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been instated on this fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 06-Jun-18 16:57
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18E0722-01) Collected: 31-May-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AF80108	2	06-Jun-18 (EA)	5 mg/l	
pH	SM4500-H-B	AF80443	0.1	31-May-18 (SS)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AF80112	0.05	01-Jun-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AE83116	1.8	02-Jun-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AE83116	1.8	02-Jun-18 (JC)	2.0 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 6/6/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18E0722

Customer: IPC, Inc.		**Project :** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** Ric VARDE	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	5/31	0920	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
"	"	"	1	BOD	Grab	AQ	1L P	4°C	
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by	(FRIDGE)	Ric VARDE (IPC)	5/31	0920
Received by		David Lara PCL	5/31/18	1148
Relinquished by		David Lara PCL	5/31/18	1415
Received by				
Relinquished by				
Received in lab by			5.31.18	1600

Sample Received Checklist Y

Temperature upon receipt: _____

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments thereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his/her its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No terms or any or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession where such exist. PCL utilizes analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (SWRCB), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods for the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for assisting PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable price schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has ruled to pay PCL for all services rendered up to reference in breach of the agreement), subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such data where such standard was observed. PCL reports and information provided hereunder are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning testing information, methods employed or other formulations.

10. Hold Harmless

Client releases, and shall save, indemnify, defend and hold PCL its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to attorneys' fees (the Litigation Expenses) asserted and awarded arising in favor of Client or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to any agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury to and/or death of persons, 2. loss of, damage to, and/or loss of use of property and/or 3. Litigation against every kind of character. This indemnification does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL and/or employees. Further, this indemnity shall specifically apply to claims, claims of injury, actions of every kind and character arising out of or in connection with the negligence or alleged negligence of any Indemnified Person, whether actual or alleged, in the performance of the work under this agreement. The foregoing indemnities will be in addition to any rights which the Indemnified Person(s) may have at PCL and the other Indemnified Person(s). To the extent necessary under applicable law, client agrees that as indemnity satisfaction will be acquired by adequate liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including without limitation, loss of profit or business interruption (the Litigation Expenses or other fees including, without limitation, attorney's fees, court costs, and the like as well as prejudgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any Indemnified Person in connection with this agreement or the services provided under this agreement, even if client or the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, batteries or any other hazardous or toxic material, wastes and substances which are declared, determined or identified as such under federal, state or local laws, rules. PCL provides no representation nor warranty or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the Hazardous Materials. Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples at accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for external (or partial analysis) client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect on the date of execution of the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance of when analysis is completed is required for all new clients or until a history of payment and/or credit acceptable has been established with PCL. For those clients with an established credit account, the terms for payment of invoices are for 7 (Seven) calendar thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balance. If unpaid amounts are invoiced through legal proceedings or by an attorney, client shall pay reasonable costs and attorney's fees, agency fees, associated bills, court collection proceedings and costs.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client is retaining services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. Agrees and acknowledges that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not to be used or shall not be relied upon in connection with or as part of any purchase, sale, underwriting, or distribution of any securities. Any consent or other reporting to the holder of any security, the securing, arrangement, renewal, or extension of any loan from any financial institution or other lender or the participation in contracting with, directly or indirectly, any governmental agency or instrumentality.

15. Rush Analysis

Rush analysis are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being submitted to PCL. A list of holding times will be provided to the client if requested. All analyses with holding times of 48 hours or less, samples must arrive within 36 hours to allow PCL to meet holding times without applying a rush surcharge. All times holding times 7 days, samples must arrive at the lab within 24 hours. Please work with us to make that the holding times can be met. Short Holding Times of 48 hours or less (bacteria, fecal) must be delivered that same day in order to guarantee holding times are met. After hours, late deliveries, freight company delays or similar issues are subject to additional surcharges and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been quoted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 08-Jun-18 15:27
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0022-01) Collected: 01-Jun-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AF80324	2	08-Jun-18 (EA)	4 mg/l	
pH	SM4500-H-B	AF80443	0.1	01-Jun-18 (SS)	7.2 pH Units	
Residual Chlorine	SM 4500 Cl-G	AF80226	0.05	02-Jun-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AF80113	1.8	03-Jun-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AF80113	1.8	03-Jun-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 6/8/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18F0022

Customer: IPC, Inc.		**Project:** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** Ric VARDEL	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	6/1	0915	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
11	11	11	1	BOD	Grab	AQ	1L P	4°C	
11	11	11	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by (FRIDGE)	Ric VARDEL (IPC)	6/1	0915
Received by		6/1/18	1330
Relinquished by		6/1/18	1530
Received by			
Relinquished by			
Received in lab by		6/1/18	1600

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such documents may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the Client of PCL's offer to do business with the Client upon the terms and conditions and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or its agent or consulting services constitutes the client's express agreed to be governed by these terms and conditions. No conflicting or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of care/standards of the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), 40 CFR Part 136 (EMAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors or the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by Client or at Client's request and the results obtained by PCL shall be held in confidence. Such information is generally available to the public or to the public domain or client is not to pay PCL for all services rendered or is otherwise in breach of the agreement, subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data when such standard was observed. PCL reports and information provided hereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning various information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and incurred expenses including, but not limited to, all costs, fees, litigation & expenses and awards arising in favor of Client or any third party as a result of, and/or in any way occurring, incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, injury, illness or death of persons 2. loss of, damage to, or use of, or theft of use of property and or 3. economic loss of every kind of character. The indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent not expressly undertaken herein, client agrees that no indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be, to the maximum amounts permitted under applicable law, to the extent that PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including without limitation, loss of profit or business interruption, litigation Expenses or other like damages, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client or the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, pesticide or any other hazardous or toxic material, waste and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for asbestos analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of submission of the sample(s) or services were rendered or such prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or other security is required for all new clients or upon a history of unpaid and/or stale accounts. Upon being established with PCL for those clients with a previously agreed credit account, the terms for payment of charges are NET (cash) within thirty (30) days from date of invoices. To the fullest extent permitted by law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month (18% annual). If invoice will be timely collected through legal proceedings or by an attorney, the nonprevailing party shall pay all costs and attorney's fees incurred with such collection proceedings or efforts.

13. Agreement Modification

Changes, modifications of amendments to the terms of this offer/agreement will not be valid by an officer of PCL unless by client's authorized representative, except that subsequent orders for additional services may be placed in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is retaining services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or used by client to relate in any connection with or as part of a purchase, sale, underwriting, or syndication of any securities, any participation or other reporting to the holders of any security, the obtaining, amendment, renewal, or extension of any loan from any financial institution or other lender or the participation in or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Short analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush parameter time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded by virtue of samples that are delivered by customers or after 3pm on weekdays without prior notification and acceptance. Standard holding times for storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times will be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours (4 days) PCL to meet holding times. Without applying a safety margin. All short holding times, 7-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times are met. Short Holding Times of 48 hours or less (testing 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late nights, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been stated on the fee schedule. Reasonable time has been allocated for a pick up or service. Unnecessary delays during the pick up or sampling, might be assessed as additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

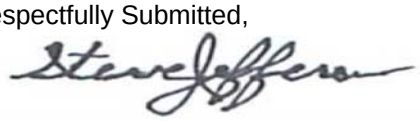
Attention: Ric Vardel
Report Date: 08-Jun-18 15:29
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0027-01) Collected: 02-Jun-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AF80324	2	08-Jun-18 (EA)	4 mg/l	
pH	SM4500-H-B	AF80443	0.1	02-Jun-18 (SS)	7.3 pH Units	
Residual Chlorine	SM 4500 Cl-G	AF80434	0.05	04-Jun-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AF80225	1.8	05-Jun-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AF80225	1.8	05-Jun-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 6/8/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18F0027

Customer: IPC, Inc.		**Project:** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** Ric VARDEL	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	6/2	1145	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
11	11	11	1	BOD	Grab	AQ	1L P	4°C	
11	11	11	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
GlobalID: WDR100000359									

Relinquished by / Received by	Signature	Print Name (Company)	Date	Time
Relinquished by	(FRIDGE)	Ric VARDEL (IPC)	6/2	1145
Received by	Jose L Gomez	Jose L Gomez	6/2	12:11
Relinquished by	Jose L Gomez	Jose L Gomez	6/2	15:18
Received by				
Relinquished by				
Received in lab by		Alex Walker Jr	6/2/18	1536

Sample Received Checklist

Temperature upon receipt: 4°C
# of bottles agrees with COC? (Yes) No
Samples intact? (Yes) No
Samples properly preserved? (Yes) No
Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____
Final Flow _____

Sample Type
(Grab) Comp

Matrix
(AQ - Water)
SO - Soil / Sludge
OT - Other

Bottle Type
(P - Plastic)
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" refers to these Terms and Conditions of Sale, including the price schedule, and any additional or amended terms which are accepted in writing. "Client" means the individual or entity who has received laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means the Pat-Chem Laboratories (PCL) standard price schedule, or such document that is amended or replaced from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in rendering all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (or delivery thereof) only upon the following Client's Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which makes reference specifically to the Terms. No modification of the Terms shall be valid unless in writing signed by an authorized representative of the Client and PCL.

The Client may obtain services by submitting a written mail or electronic (EDI) to PCL. Any such additional terms shall be exclusive to the extent of PCL's offer to perform work with the Client under the terms and conditions and PCL's agreement to be bound by those terms and conditions. The Client's delivery of samples to PCL or initiation of sampling services shall constitute the Client's express consent to be governed by these Terms and conditions. No printed or other terms and conditions appearing on a Client's document shall be deemed to become a part of the contract resulting upon acceptance of the Terms and conditions.

For purpose of this agreement, "perform" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession where applicable. PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), U.S. Government (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater, and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgment of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL's Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided hereon, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel perform the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder, subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client to PCL and the results obtained in the performance of this agreement shall be considered confidential and proprietary information of client and shall not be disclosed to the public or to any individual or entity other than client without the prior written consent of client, except as required by law or legal process. PCL shall not use the data provided by the client or the results obtained in the performance of this agreement for any purpose not contemplated by this agreement without the prior written consent of client. PCL shall exercise the same degree of care to protect the confidentiality of client's information as it exercises to protect its own confidential information, but in no event less than a reasonable degree of care. PCL shall not be restricted in the use of any information that is or becomes generally available to the public or PCL's customers through no fault of PCL, or that PCL can demonstrate was rightfully in its possession prior to receipt from client, or that PCL can demonstrate was developed independently by PCL without reference to client's information, or that PCL is required to disclose by law, regulation or court order, provided that PCL gives client reasonable prior notice of such disclosure and cooperates with client's reasonable requests to minimize the scope of such disclosure.

10. Hold Harmless

Client hereby indemnifies and holds harmless PCL, its employees, officers, directors, agents, successors and assigns from and against any and all claims, liabilities, losses, damages, costs and expenses, including reasonable attorneys' fees and costs of litigation, arising out of or in any way connected with the performance of this agreement by PCL, except to the extent that such claims, liabilities, losses, damages, costs and expenses are caused by the gross negligence or willful misconduct of PCL. Client shall indemnify, defend and hold harmless PCL from and against any and all claims, liabilities, losses, damages, costs and expenses, including reasonable attorneys' fees and costs of litigation, arising out of or in any way connected with the performance of this agreement by PCL, except to the extent that such claims, liabilities, losses, damages, costs and expenses are caused by the gross negligence or willful misconduct of PCL. Client shall indemnify, defend and hold harmless PCL from and against any and all claims, liabilities, losses, damages, costs and expenses, including reasonable attorneys' fees and costs of litigation, arising out of or in any way connected with the performance of this agreement by PCL, except to the extent that such claims, liabilities, losses, damages, costs and expenses are caused by the gross negligence or willful misconduct of PCL. Client shall indemnify, defend and hold harmless PCL from and against any and all claims, liabilities, losses, damages, costs and expenses, including reasonable attorneys' fees and costs of litigation, arising out of or in any way connected with the performance of this agreement by PCL, except to the extent that such claims, liabilities, losses, damages, costs and expenses are caused by the gross negligence or willful misconduct of PCL.

11. Hazardous Substances

For PCL to perform the services required by this agreement, client will provide and PCL will receive samples and materials for analysis which may contain hazardous substances, materials or other substances of a hazardous, toxic and substances which are defined, determined or designated as hazardous, toxic or pollutants under federal, state or local laws. PCL agrees to maintain in compliance with applicable laws, rules and regulations all permits, licenses and approvals required by any governmental or regulatory authority in connection with the performance of its services under this agreement. Client shall comply with all applicable laws, rules and regulations relating to the possession, use and disposal of any hazardous substances, materials or other substances provided to PCL or generated by PCL in connection with this agreement. Client shall indemnify, defend and hold harmless PCL from and against any and all claims, liabilities, losses, damages, costs and expenses, including reasonable attorneys' fees and costs of litigation, arising out of or in any way connected with the possession, use or disposal of any hazardous substances, materials or other substances provided to PCL or generated by PCL in connection with this agreement, except to the extent that such claims, liabilities, losses, damages, costs and expenses are caused by the gross negligence or willful misconduct of PCL. Client shall indemnify, defend and hold harmless PCL from and against any and all claims, liabilities, losses, damages, costs and expenses, including reasonable attorneys' fees and costs of litigation, arising out of or in any way connected with the possession, use or disposal of any hazardous substances, materials or other substances provided to PCL or generated by PCL in connection with this agreement, except to the extent that such claims, liabilities, losses, damages, costs and expenses are caused by the gross negligence or willful misconduct of PCL. Client shall indemnify, defend and hold harmless PCL from and against any and all claims, liabilities, losses, damages, costs and expenses, including reasonable attorneys' fees and costs of litigation, arising out of or in any way connected with the possession, use or disposal of any hazardous substances, materials or other substances provided to PCL or generated by PCL in connection with this agreement, except to the extent that such claims, liabilities, losses, damages, costs and expenses are caused by the gross negligence or willful misconduct of PCL.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of completion of the services. Unless otherwise agreed to in writing, the price schedule is subject to change at any time without notice. Payment is required in advance of completion of services for all new clients or upon a showing of payment problems with clients. Accounts have been established with PCL and client's credit with all invoices are net 30 days from date of invoice. To the fullest extent permitted by law, a finance charge of 1.5% per month (18% per annum) shall be added to all accounts not paid within the stated time period. If collection proceedings through legal counsel are instituted, the client agrees to pay reasonable attorneys' fees and costs incurred by PCL, whether or not suit is filed.

13. Agreement Modification

Changes, modifications or amendments to the terms and conditions of this agreement shall be effective only if they are made in writing and executed by an authorized representative of each party. Any such changes, modifications or amendments shall be effective only to the extent specifically set forth in such writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of services or data, information, or reports issued by PCL. Client is acquiring services exclusively for its own account and not as agent for, or for the benefit of, any other person or entity. Except as otherwise specifically agreed to in writing by PCL, there are no third party beneficiaries to this agreement, and no third party shall rely upon any services, information or reports issued by PCL. Client represents, warrants and agrees that any data, information and reports are not relied upon or used by client in connection with, or in support of, the purchase, sale, underwriting, or dissemination of any securities, any prospectus or offering memorandum relating to the foregoing, or any loan, mortgage, refinancing or extension of any loan from any financial institution or other lender or the purchase or sale of any interest in real estate, and no third party shall be entitled to rely on any services, information or reports issued by PCL.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the turn around time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are imposed by others (e.g. regulatory agencies) that are beyond our control, such as delays in shipping, customs, weekends, holidays and inclement weather. Samples requiring rush and short holding times should be reviewed prior to any samples being received by PCL. Lists of holding times can be provided to the client if requested. All analyses with holding times of 3 days or less, samples must arrive within 36 hours or allow PCL 24 hours holding time, whichever provides the most coverage. All short holding times (3 days or less) are subject to acceptance by PCL. Short holding times are subject to surcharges. Short Holding Times of 48 hours or less (excluding Saturday, Sunday and holidays) must be confirmed to guarantee holding times are met. After hours, late delivery, freight company delays or driving issues are subject to additional cash fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for up to 30 days (20 days after analytical services completed, unless storage for longer periods is requested by the client). Prolonged long term storage is subject to an additional charge. Samples will be disposed of at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been created on a pre-scheduled, reasonable time basis allowing for each pick up or service. Unnecessary delays during the pick up or sampling might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

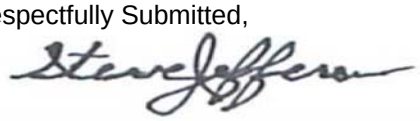
Attention: Ric Vardel
Report Date: 13-Jun-18 15:00
Subject: (MCC) Monthly EFF

Project/P.O.#: (MCC) Monthly EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0029-01) Collected: 02-Jun-18 By IPC						
Boron	EPA 200.7	AF80437	0.10	07-Jun-18 (AF)	0.52 mg/l	
MBAS	SM 5540C	AF80432	0.20	04-Jun-18 (PL)	<0.20 mg/l	
Oil & Grease (HEM)	EPA 1664A	AF80436	5	04-Jun-18 (VD)	<5 mg/l	
Phosphorus, Total as P	EPA 365.1	AF80534	0.15	05-Jun-18 (LA)	3.48 mg/l	
Total Dissolved Solids	SM 2540C	AF80438	5	05-Jun-18 (EA)	732 mg/l	
Chloride	EPA 300.0	AF80710	1.0	08-Jun-18 (PL)	185 mg/l	
Sulfate as SO4	EPA 300.0	AF80710	0.5	08-Jun-18 (PL)	138 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 6/13/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18F0029

Customer: IPC, Inc.		Project : (MCC) Monthly EFF	
Address: 9297 Research Drive		Sampled by: Ric Vardel	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	6/2	1145	1	SO4, Cl, TDS	Grab	AQ	1/2 Gal. P	4°C	
"	"	"	1	MBAS	Grab	AQ	500 P	4°C	
"	"	"	1	Oil & Grease	Grab	AQ	1L G	HC	
"	"	"	1	Boron	Grab	AQ	250 P	HN	
"	"	"	1	T.Phos	Grab	AQ	250 P	4°C	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by: (FRIDGE	Ric Vardel (IPC)	6/2	1145
Received by: Jose L Gomez	Jose L Gomez	6/2	12:11
Relinquished by: Jose L Gomez	Jose L Gomez	6/2	15:18
Received by:			
Relinquished by:			
Received in lab by: Alex Valdez	Alex Walker Jr	6/2/18	1540

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Sample Received Checklist

Temperature upon receipt: 4 °C

# of bottles agrees with COC? (Yes) No

Samples intact? (Yes) No

Samples properly preserved? (Yes) No

Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
(Grab)
Comp

Matrix
(AQ) - Water
SO -Soil / Sludge
OT - Other

Bottle Type
(P) - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu -$CuSO_4$

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

These Terms and Conditions means these Terms and Conditions of Sale, including the price schedule, and any addenda or amendments to which we have agreed in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and to all its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services on, and only on, the following General Terms and Conditions (the "Terms"). These Terms shall govern each of PCL and the Client's (and their respective successors) agreement to which it does not expressly incorporate the Terms. No modification of the Terms shall be valid and binding unless in writing and signed by duly authorized representatives of the Client and PCL.

The Client's agreement to these Terms is evidenced by (a) providing a written order of such to PCL, which order shall be subject to acceptance by the Client at PCL's option in its sole discretion, and the Client's signature on the Terms, or (b) the Client's agreement to these Terms and conditions. The Client's ordering of services constitutes the Client's express assent to be governed by these terms and conditions. No terms and conditions additional to, or different from, those stated in these Terms and conditions, whether proposed in the Client's purchase order or other documents, shall be deemed to become a part of this contract, in the absence of the Client's written agreement to such terms and conditions.

For purposes of this agreement, "services" shall mean all work to be performed for the Client, including preparation of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession where applicable. PCL will use analytical methodologies which are in substantial compliance with the U.S. Environmental Protection Agency (EPA), U.S. Occupational Safety and Health Administration (OSHA), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM), or the Commission of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or as otherwise based on the reasonable judgment of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOPs) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or subcontractors to the Client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amounts for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provision to the contrary in any client purchase orders or specifications.

5. Clients Responsibility

Unless PCL personnel perform the sampling, the client shall be responsible for the condition which the samples are collected and for conducting in and about the sampling site and for warning PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's particular order and all subsequent orders for additional services, whether placed in writing or verbally except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for failure or delay to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the written materials or reports prepared by PCL personnel and the results obtained by PCL shall be held in confidence between PCL and Client to the extent permitted by law or any PCL facility regulations. In addition to these or any PCL facility regulations, in the event of breach of the agreement, subject to any minimum requirement by law or federal regulations, PCL shall not be held responsible for subsequent misuse of data and shall not be responsible for misinterpretation of data by Client or any third party. Client agrees to indemnify and hold harmless PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent corporations and against any and all liabilities, losses, damages, claims, costs and expenses (including reasonable attorneys' fees and costs of litigation) arising out of or in connection with any claim by any third party relating to the services performed by PCL hereunder and the data and information provided by PCL hereunder, except to the extent that such liabilities, losses, damages, claims, costs and expenses are caused by the gross negligence or willful misconduct of PCL or its employees. Client shall indemnify PCL against any and all claims, losses, damages, liabilities, costs and expenses (including reasonable attorneys' fees and costs of litigation) arising out of or in connection with any claim by any third party relating to the performance of services hereunder by PCL

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

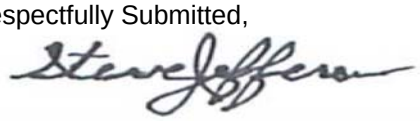
Attention: Ric Vardel
Report Date: 07-Jun-18 10:02
Subject: (MCC) Weekly EFF

Project/P.O.#: (MCC) Weekly EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0025-01) Collected: 02-Jun-18 By IPC						
Ammonia as N	EPA 350.1	AF80535	0.10	05-Jun-18 (SGS)	<0.10 mg/l	
Nitrate as N	EPA 353.2	AF80435	0.10	04-Jun-18 (SGS)	2.73 mg/l	
Nitrite as N	EPA 353.2	AF80435	0.10	04-Jun-18 (SGS)	0.18 mg/l	
Total Kjeldahl Nitrogen	EPA 351.2	AF80433	0.10	07-Jun-18 (LA)	1.02 mg/l	
Total Suspended Solids	SM 2540D	AF80439	1	04-Jun-18 (EA)	<1 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 6/7/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18F0025

Customer: IPC, Inc.		Project: (MCC) Weekly EFF	
Address: 9297 Research Drive		Sampled by: R c VARDEL	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	6/2	1145	1	TSS	Grab	AQ	1L P	4°C	
11	11	11	1	NH4, TKN	Grab	AQ	500 P	HS	
11	11	4	1	NO2, NO3	Grab	AQ	500 P	4°C	
Geotracker EDD:									
Logcode: IPCI Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by (FRIDGE)	Ric VARDEL (IPC)	6/2	1145
Received by Jose L Gomez	Jose L Gomez	6/2	12:11
Relinquished by			
Received by			
Relinquished by			
Received in lab by	Alex Walker Jr	6/2/18	1530

Sample Received Checklist

Temperature upon receipt: 4 °C

# of bottles agrees with COC?	(Yes) No
Samples intact?	(Yes) No
Samples properly preserved?	(Yes) No
Samples in holding time?	(Yes) No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
(Grab) Comp	HC - HCl
Matrix	HS - H_2SO_4
(AQ) - Water	HN - HNO_3
SO - Soil / Sludge	HP - H_3PO_4
OT - Other	OH - NaOH
Bottle Type	ST - Sodium Thiosulfate
P - Plastic	AA - Ascorbic Acid
G - Amber Glass	AI - $AlCl_3$
VOA - 40 ml Vial	Cu - $CuSO_4$
(Coli) - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of Sale, including any quotation, and any additions or amendments to any quote we agree to in writing. "Client" means the individual or entity who has required laboratory services, consulting or technical services and his or its heirs, successors, assigns and representatives. "Price Schedule" means the then-current laboratory or PCL standard price schedule as such document may be amended or replaced from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and is willing to accept orders for services as specified herein only subject to the following terms and conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which addresses and incorporates the Terms. No qualifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may order services by submitting a written shall or such order (SOO) to PCL. Any such order constitutes an acceptance by the Client of PCL's offer to do business with the Client under the Terms and Conditions and Client agrees to be bound by these Terms and Conditions. The Client's placement of samples to PCL or acceptance of laboratory services constitutes the Client's explicit assent to be governed by these terms and conditions. No provision of additional terms and conditions contained in any Client's document shall be deemed to be only a part of the contract unless accepted in writing by PCL.

For the purpose of this agreement, "services" shall mean all work to be performed for the Client, including any oral or written reports and communications rendered by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of performance in the profession where applicable. PCL will use methods commonly accepted which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), US Watershed (TIAM), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or circumstances of the samples or otherwise based on the professional judgement of PCL. Deviations will be made in a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOPs) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or subcontractors to the Client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order or SOO or payment releases PCL from any liability or claims of the received analysis for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel perform the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for assuring PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out of pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for, delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and information which is developed by PCL in the course of Client's request and the results rendered by PCL shall be held in confidence from third parties unless Client consents in writing to release it to the public or in the public domain or unless it is required by law or by court order. Any information provided by Client to PCL shall be held in confidence by PCL except to the extent that it is in the public domain or required by law or by court order. Client shall be responsible for complying with any applicable regulations regarding any samples submitted to PCL and shall indemnify PCL against any claims, damages, losses or expenses arising out of or relating to any failure by Client to comply with such regulations. PCL retains the right to use any and results of client samples for internal quality control purposes and for the development of new methods and procedures. Client agrees that PCL may subcontract any portion of the services to other qualified laboratories.

10. Hold Harmless

Client agrees to defend, indemnify and hold harmless PCL, its employees, officers, directors, agents, successors and assigns from and against any and all claims, losses, damages, liabilities, costs, and expenses (including reasonable attorneys' fees and costs) arising out of or relating to any third party claim alleging breach of any representation or warranty, negligence or willful misconduct by Client in connection with the performance of services hereunder. Client shall not settle any such claim without PCL's prior written consent. PCL reserves the right to select counsel to represent PCL in any such claim at Client's expense. Client's obligations under this section shall survive the termination of this agreement for any reason.

11. Hazardous Substances

Client is responsible for samples submitted by them. Client will identify and notify PCL in writing of any samples submitted for analysis such as, but not limited to, samples containing radioactive materials, poisons, explosives, corrosives, flammables, microbiological or epidemiological agents and known or suspected carcinogens. Client will be responsible for all costs associated with the proper disposal of such samples. Client agrees to indemnify and hold harmless PCL, its officers, employees, agents and subcontractors from any and all claims, losses, damages, liabilities, costs and expenses (including reasonable attorneys' fees and costs) arising out of or relating to any failure by Client to comply with this section. Client's obligations under this section shall survive the termination of this agreement for any reason.

12. Prices/Payments

Quotes shall be valid for a period of thirty (30) days from the date of the quote, unless otherwise specified in the quote. Prices are subject to change at any time without notice. Payment in advance or cash on delivery is required for new clients. Payment terms for established clients are net thirty (30) days from date of invoice. In the event payment is not made when due and PCL engages counsel or pursues any of the remedies permitted herein, Client shall pay all costs of collection, including reasonable attorneys' fees, whether or not suit is filed. Client agrees to pay all applicable taxes, duties and other charges imposed by any governmental authority on the services rendered hereunder.

13. Agreement Modification

Changes, modifications or amendments to the Terms of Sale will be effective only if made in writing and signed by both PCL and the Client. PCL's failure to insist upon or enforce strict performance of any provision of these Terms shall not be construed as a waiver of any such provision or right.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability to any Client or other person or entity with whom PCL has not contracted to perform services. Client agrees to indemnify and hold harmless PCL, its officers and employees from any claim, demand or cause of action arising out of or relating to any unauthorized use or distribution of any report or other work product issued by PCL to Client. Client acknowledges and agrees that PCL's reports, analyses and opinions are not transferable, assignable or negotiable and may not be relied upon by any person other than Client, without the express written consent of PCL, which may be withheld in PCL's sole discretion. Client shall not publish, reproduce or distribute any report or other work product issued by PCL to Client, in whole or in part, without the prior written consent of PCL. Client shall not use any report or other work product issued by PCL to Client in any manner that is misleading or inaccurate or that misrepresents the services performed by PCL. Client shall indemnify and hold harmless PCL, its officers and employees from any claim, demand or cause of action arising out of or relating to any breach of this section by Client.

15. Rush Analysis

Rush analysis is available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL shall not be responsible for holding times that are exceeded because of samples that are received on weekends or after 3pm on weekdays without prior authorization and concurrence. Standard holding times are always questions should be reviewed prior to any analyses being received by PCL. Lists of holding times can be provided to the Client if requested. All analyses with holding times of 24 hours or less, samples must arrive within 8 hours to allow PCL to meet holding times without applying a rush surcharge. All other holding times, 3-7 days, samples must arrive at the lab within 24 hours of sample collection to ensure that the holding time will be met. Short holding times of 48 hours or less, it is the client's responsibility to ensure that samples are received by the laboratory within the holding times as listed. Note: holding times are not guaranteed unless prior arrangements are made. Also, holiday, inclement weather, instrument breakdown or other factors may cause delays or similar times are subject to additional rush fees and/or the inability to meet holding times. All holding times are given as of the end of the collection date of the sample and are subject to change without notice.

17. Sample Retention

All samples are accepted for at least thirty (30) days after analysis has been completed. Samples can be held for longer periods by client's request. Fee arrangements from clients is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been established for the fee schedule. If any unforeseen delays occurred for each pick up or service, client will be charged for the pick up or sampling, regardless of acceptance or rejection fee.

PAT-CHEM
LABORATORIES
QUALITY ANALYTICAL SERVICES SINCE 1987
1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

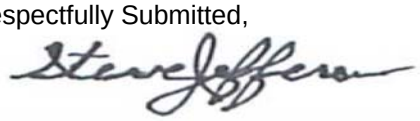
Attention: Ric Vardel
Report Date: 08-Jun-18 15:24
Subject: (MCC) Weekly INF

Project/P.O.#: (MCC) Weekly INF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
INF (Sample I.D.# : 18F0028-01) Collected: 02-Jun-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AF80324	2	08-Jun-18 (EA)	281 mg/l	
Total Suspended Solids	SM 2540D	AF80439	1	04-Jun-18 (EA)	120 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 6/8/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18F0028

Customer: IPC, Inc.		Project : (MCC) Weekly INF	
Address: 9297 Research Drive		Sampled by: Ric VARDEL	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
INF	6/2	1215	1	TSS	Grab	AQ	1L P	4°C	
11	11	11	1	BOD	Grab	AQ	1L P	4°C	
Geotracker EDD:									
Logcode: IPCI Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Ric VARDEL (IPC)	6/2	1215
Received by		Alex Walker Jr (PCL)	6/2/17	1232
Relinquished by		Jose L Gomez	6/2	15:18
Received by				
Relinquished by				
Received in lab by		Alex Walker Jr	6/2/17	1538

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC? (Yes) No

Samples intact? (Yes) No

Samples properly preserved? (Yes) No

Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
(Grab)
Comp

Matrix
(AQ) Water
SO -Soil / Sludge
OT - Other

Bottle Type
(P) - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of Sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which shall incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No additional or additional terms and conditions expressed in a client's document shall be deemed to become a part of this contract, except upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of knowledge in the profession. Where applicable, PCL will use analytical methodology in which are in accordance with the U.S. Environmental Protection Agency (EPA), 1-4 Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) or New Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature of sample(s) or of the sampling or collection based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or subcontractors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's execution of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at Client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is in the public domain or Client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement), subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided hereunder are for the exclusive use and benefit of Client and Client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical know-how, software, processes or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and expenses including, but not limited to attorney fees, (the "Losses") asserted against or paid to defend or settle by Client or any third party as a result of, arising in any way relating, incident to arising out of or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, condition or disposal of client's hazardous materials or waste, damage or death of persons or property, failure to act or failure to act properly on behalf of Client or any agent thereof. Client shall pay to PCL on demand any and all expenses including legal fees and costs incurred by PCL in connection with the investigation or defense of any of the foregoing claims, costs, demands, actions, suits, judgments or liabilities. Client shall not be liable for any claim, liability or loss caused by the gross negligence or willful misconduct of PCL or its employees. Further, client agrees to hold PCL harmless from any and all claims, demands, actions, suits, judgments or liabilities, claims, damages, penalties, fines, costs, attorneys' fees or expenses of every kind and nature whatsoever arising in connection with the storage, treatment, transportation, disposal or handling of hazardous materials or waste by any independent person, whether actual or asserted, in the performance of services under this agreement. The foregoing indemnity shall survive the termination of this agreement. Client agrees to indemnify PCL and hold it harmless from any and all claims, demands, actions, suits, judgments or liabilities, costs, damages, penalties, fines or expenses, including attorneys' fees, arising out of or in connection with PCL's performance of services under this agreement, except to the extent that any such claim, liability or loss is caused by the gross negligence or willful misconduct of PCL or its employees. Further, client agrees to hold PCL harmless from any and all claims, demands, actions, suits, judgments or liabilities, claims, damages, penalties, fines, costs, attorneys' fees or expenses of every kind and nature whatsoever arising in connection with the storage, treatment, transportation, disposal or handling of hazardous materials or waste by any independent person, whether actual or asserted, in the performance of services under this agreement. The foregoing indemnity shall survive the termination of this agreement. Client agrees to indemnify PCL and hold it harmless from any and all claims, demands, actions, suits, judgments or liabilities, claims, damages, penalties, fines, costs, attorneys' fees

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 13-Jun-18 14:35
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0033-01) Collected: 03-Jun-18 By Ric Vardel						
Biochemical Oxygen Demand	SM 5210B	AF80537	2	10-Jun-18 (VL)	<2 mg/l	
pH	SM4500-H-B	AF80443	0.1	03-Jun-18 (SS)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AF80434	0.05	04-Jun-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AF80325	1.8	05-Jun-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AF80325	1.8	05-Jun-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 6/13/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18F0033

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Ric VARDEL	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	6/3	1150	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
11	11	11	1	BOD	Grab	AQ	1L P	4°C	
11	4	4	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD: Logcode: IPCI Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by	(FEDEX)	Ric VARDEL (IPC)	6/3	1150
Received by		Jordan Corkery (Parker)	6/3	13:30
Relinquished by				
Received by				
Relinquished by				
Received in lab by				

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	**HC** - HCl
Comp	**HS** - H_2SO_4
Matrix	**HN** - HNO_3
AQ - Water	**HP** - H_3PO_4
SO -Soil / Sludge	**OH** - NaOH
OT - Other	**ST** - Sodium Thiosulfate
Bottle Type	**AA** - Ascorbic Acid
P - Plastic	**Al** - $AlCl_3$
G - Amber Glass	**Cu** -$CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any amendments or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services, and his or its heirs, successors, assigns, and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule in such document may be amended or removed from time to time by PCL.

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For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standard of workmanship in the profession, where applicable. PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (CSAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services. Notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay in failure to perform its services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request, and the results obtained by PCL shall be held in confidence unless such information is generally available to the public or in the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement. Client to provide notice required by law or legal process to PCL in advance. PCL uses standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such data where such standard was observed. PCL reports and information provided hereto are for the exclusive use and benefit of client, and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other information.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to, all court fees, litigation, arbitration and investigation fees or costs, in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or in connection, handling or disposal of client's hazardous materials, if any, (except to the extent of gross negligence or willful misconduct of PCL or its employees). Further, this indemnity shall specifically apply to claims client manager, officers or employees and regulatory agencies or in connection with the negligence of or claims asserted by any indemnified Person, whether active or alleged, in the performance of services under this agreement. The foregoing indemnities will survive expiration or termination of this agreement. Client shall not be liable to PCL or the other Indemnified Persons, to the extent permitted by applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage or be furnished by client, which insurance shall be in the minimum amounts permitted under applicable law, or not more than PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption, Litigation Expenses or other loss including, without limitation, attorney's fees, court costs, and the pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or an indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, dioxins or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under Federal, State or local laws, rules, PCL policies or regulations (or after law existing or hereafter enacted or promulgated or any federal or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any lab bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of service(s) on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or credit card is required for all new clients of PCL. Industry standard and/or public account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET (30) within thirty (30) days from date of invoice. To the fullest extent permitted by law and applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agency fees established with such collection procedures or courts.

13. Agreement Modification

Changes, modifications or amendments to the Terms shall be effective only if in writing and executed by an officer of PCL and by clients authorized representative. Verbal or oral subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or results furnished to PCL. Client is acting on own behalf for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not to retain, or shall be used to retain client, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or consulting with, directly or indirectly, any government body, agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are received on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours of when PCL is given holding times without applying a rush surcharge. All analyses having 7-10 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less that require next day delivery must be delivered that same day in order to guarantee holding times are met. After hours, late deliveries, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is removed only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

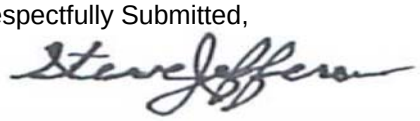
Attention: Ric Vardel
Report Date: 13-Jun-18 14:44
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0052-01) Collected: 04-Jun-18 By RV						
Biochemical Oxygen Demand	SM 5210B	AF80537	2	10-Jun-18 (VL)	<2 mg/l	
pH	SM4500-H-B	AF81121	0.1	04-Jun-18 (SS)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AF80533	0.05	05-Jun-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AF80444	1.8	06-Jun-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AF80444	1.8	06-Jun-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 6/13/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18F0052

Customer: IPC, Inc.		Project : **(MCC) Daily EFF**	
Address: 9297 Research Drive		Sampled by: Ric VARDEL	P.O. #:
Irvine	CA 92618	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	6/4	1245	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
〃	〃	〃	1	BOD	Grab	AQ	1L P	4°C	
〃	〃	〃	2	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by (FRIDGE)	Ric VARDEL (IPC)	6/4	1245
Received by EG	Evan G.	6/4/18	1325
Relinquished by EG	Evan	6/4/18	1440
Received by			
Relinquished by			
Received in lab by	RL	6-4-18	1600

Sample Received Checklist

Temperature upon receipt:	4
# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Matrix	Bottle Type
Grab	AQ - Water	P - Plastic
Comp	SO - Soil / Sludge	G - Amber Glass
	OT - Other	VOA - 40 ml Vial
		Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these terms and conditions of sale, including the price schedule, and any additions to amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The client's delivery of samples to PCL or submission of consulting services constitutes the client's express assent to be governed by these terms and conditions. No printed or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) for the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided hereon, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request, and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or in the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided hereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of said reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all claims, losses or damages, claims, demands, causes of action, suits and reasonable expenses including, but not limited to all court fees (the obligation, if awarded and awarded arising in favor of Client or any third party as a result of, and/or in any way occurring incident to or arising out of, or in connection with the performance of services by PCL pursuant to this agreement) and/or transportation, handling or disposal of client's hazardous materials. 1. Injury, disease or death of persons 2. Loss of, damage to, use of, or loss or use of property and or 3. Financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims or charges, actions of every kind and character arising out of or in connection with the negligence or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any remedy which the client might otherwise have at PCL and the other Indemnified Persons. To the fullest extent permitted under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including without limitation, loss of profit or business interruption, litigation expenses or other fees (including without limitation, attorney's fees, court costs, and pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client or the laboratory has

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted, promulgated or any revised or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL is at client or at client's request, shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any lab bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all those clients lacking a history of payment and/or credit activity has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET (Insert number) days from date of invoices. To the fullest extent permitted by all applicable law, any amounts unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's (in-house) agents' fees associated with such collection proceedings or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client's authorized representative. Verbal or subsequent orders for additional services may be taken but are to be in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is providing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other persons or firms. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third parties may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or used by client to relate, or in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal or extension of any loan from any financial institution or other lender or the certification to or contract with, directly or indirectly, any governmental agency, department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that may exceed the date of samples that are delivered on weekends or after 2:00 on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. For analytes with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All tests have holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding time can be met. Tests Holding Times of 48 hours or less (bacteria) must be delivered Mon-Fri only as we cannot guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage (longer periods) is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been stated in the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

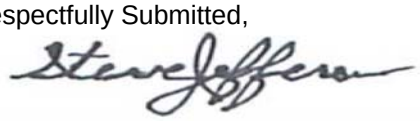
Attention: Ric Vardel
Report Date: 13-Jun-18 14:48
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0083-01) Collected: 05-Jun-18 By Golan Kfir						
Biochemical Oxygen Demand	SM 5210B	AF80630	2	11-Jun-18 (SGS)	<2 mg/l	
pH	SM4500-H-B	AF81121	0.1	05-Jun-18 (SS)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AF80636	0.05	06-Jun-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AF80541	1.8	09-Jun-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AF80541	1.8	09-Jun-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 6/13/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1806093

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Golan Kfir	P.O. #:
Irvine	CA 92618	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	6/5/18	13:05	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
	"	"	1	BOD	Grab	AQ	1L P	4°C	
	"	"	2	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by: GK	Golan, IPC	6/5/18	
Received by: DXRA	David Lara PCL	6/5/18	1324
Relinquished by: DXRA	David Lara PCL	6/5/18	1520
Received by:			
Relinquished by:			
Received in lab by:	RL	6/5/18	1520

Sample Received Checklist

Temperature upon receipt:	4
# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	HC - HCl
Comp	HS - H_2SO_4
Matrix	HN - HNO_3
AQ - Water	HP - H_3PO_4
SO - Soil / Sludge	OH - NaOH
OT - Other	ST - Sodium Thiosulfate
Bottle Type	AA - Ascorbic Acid
P - Plastic	Al - $AlCl_3$
G - Amber Glass	Cu - $CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of Sale, including the price schedule and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications of the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), 40 waterboard (TLLAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of all or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services, notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out of pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain, or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose or any third party any information including technical information, methods, processes or other techniques.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to, all court fees, the Litigation Estimate and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, illness or death of persons, 2. loss of, damage to, use of, or loss of use of property and or, 3. financial loss of every kind or character. This indemnification does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence, willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to fines, claims damages, actions of every kind and character arising out of or in connection with the negligence of or breach of duty by any intended person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In the event that PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption, litigation expenses or other fees (including, without limitation, attorney's fees, court costs, and the like or post-judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement such limitation provided under this agreement shall control to the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or described as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request, shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for asbestos bulk analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operation on the date the services were rendered or with prices stated and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis of completed is required for all new clients or until a history of payment and/or credit acceptance has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within forty (30) days from date of invoices. To the fullest extent permitted by law or any applicable law, any amounts unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection proceedings or efforts.

13. Agreement Modification

Changes, modifications or amendments to the Terms shall be effective only in writing and executed by an officer of PCL and by clients authorized representative. Verbal and subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports developed by PCL. Client is providing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or party. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on PCL's data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not intended, or shall be used to solicit loans in connection with or as part of the purchase, securitization, or distribution of any securities, any periodic or other reporting to the holders of any security, the servicing, amendment, renewal or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times in the case of samples that are delivered on weekends or after business hours without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less that arrive in 4 hours must be delivered that same day in order to guarantee holding times are met. After hours, late deliveries, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are reflect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

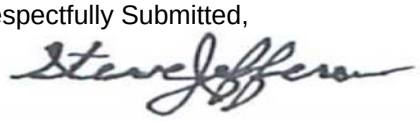
Attention: Ric Vardel
Report Date: 13-Jun-18 14:54
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0125-01) Collected: 06-Jun-18 By Golan Kfir						
Biochemical Oxygen Demand	SM 5210B	AF80713	2	12-Jun-18 (SGS)	<2 mg/l	
pH	SM4500-H-B	AF81121	0.1	06-Jun-18 (SS)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AF80715	0.05	07-Jun-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AF80635	1.8	08-Jun-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AF80635	1.8	08-Jun-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 6/13/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18F0125

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine	CA 92618	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field (Lab)
EFF	06/06/18	1100	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.41
			1	BOD	Grab	AQ	1L P	4°C	
			1 &	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	06/06/18	
Received by		Robert Keen	6/6/18	
Relinquished by		MARIO SANTIESTEBAN	6/6/18	
Received by				
Relinquished by				
Received in lab by			6/6/18	1502

Sample Received Checklist 4°C

Temperature upon receipt:	
# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu -$CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of Sale, including the price schedule and any additions or amendments to which are agreed to in writing. "Client" means the individual or entity who/ they receive laboratory services, including its consulting services and to its directors, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule, as such document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for service as (as defined herein) only under the following terms of Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written Letter of Authority (LOA) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No conflicting or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of care prevailing in the profession where applicable. PCL extends no warranties or guarantees whatsoever with respect to compliance with the U.S. Environmental Protection Agency (EPA), U.S. Water Board (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL's standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's execution of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services rendered hereunder, any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether or placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample matrices provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for misutilization/disclosure of such data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning personal information, software programs or other trade secrets.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to attorneys' fees (the "Losses") asserted and awarded arising in favor of client or any third party as a result of, and/or in any way occurring incidental to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement, and/or transportation, handling or disposition (client's hazardous materials), injury, disease or death of persons or loss of, damage to, theft or use of use of property and/or 3. the existence of environment of chemicals. The indemnity does not apply to any of the foregoing to the extent, but only to the extent, caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to claims, charges, actions of any kind and character arising out of or in connection with the negligence or breach of contract by any unidentified person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and its employees. Client further, to the extent permitted under applicable law, client agrees that client's indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption, litigation expenses or other fees (including, without limitation, attorney's fees, court costs and/or the cost of jury judgement interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, source and substances which are defined, determined or classified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL is on client or client's request, shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis client will be charged a sample disposal fee per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect on the date of operations on the date the services were completed or such gross negligent and agent confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an account established, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted at all by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees incurred in connection with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and client's authorized representative, except that supplemental orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client is acting as sole responsible for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries of this agreement, and that no third party shall rely on such data, information or reports. Client represents, warrants and agrees that said data, information and reports are not forwarded, or shall be used or relied upon, in connection with or as part of, the preparation, use, sale, lending, or distribution of any securities. Any periodic or other reporting to the holders of any company, the lending, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analysis are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are received on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 24 hours or less, samples must arrive within 36 hours to allow PCL a reasonable holding period without applying a rush surcharge. All tests holding times of 48 hours, samples must arrive at the lab within 24 hours before evaluation to ensure that the holding times can be met. Short holding times of 48 hours or less that client is to found must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, weight concerns, delays or shorter holding times are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be disposed of at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

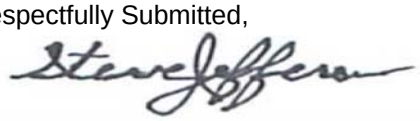
Attention: Ric Vardel
Report Date: 13-Jun-18 15:13
Subject: (MCC) Weekly EFF

Project/P.O.#: (MCC) Weekly EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0127-01) Collected: 06-Jun-18 By IPC						
Ammonia as N	EPA 350.1	AF80807	0.10	08-Jun-18 (SGS)	<0.10 mg/l	
Nitrate as N	EPA 353.2	AF80809	0.20	08-Jun-18 (LA)	2.15 mg/l	
Nitrite as N	EPA 353.2	AF80809	0.02	08-Jun-18 (LA)	<0.02 mg/l	
Total Kjeldahl Nitrogen	EPA 351.2	AF81122	0.10	13-Jun-18 (LA)	0.26 mg/l	
Total Suspended Solids	SM 2540D	AF80808	1	08-Jun-18 (SGS)	<1 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 6/13/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18F0127

Customer: IPC, Inc.		Project: (MCC) Weekly EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	06/06/18	1100	1	TSS	Grab	AQ	1L P	4°C	
	"	"	1	NH4, TKN	Grab	AQ	500 P	HS	
	"	"	1	NO2, NO3	Grab	AQ	500 P	4°C	
Geotracker EDD:									
Logcode: IPCI Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	06/06/18	
Received by		Robert Keen	6/6/18	
Relinquished by		MARJO SANTIESTEBAN	6/6/18	
Received by				
Relinquished by				
Received in lab by			6/6/18	1500

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC?	Yes	No
Samples intact?	Yes	No
Samples properly preserved?	Yes	No
Samples in holding time?	Yes	No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab Comp	HC - HCl HS - H_2SO_4 HN - HNO_3 HP - H_3PO_4 OH - NaOH ST - Sodium Thiosulfate AA - Ascorbic Acid Al - $AlCl_3$ Cu - $CuSO_4$
Matrix AQ - Water SO - Soil / Sludge OT - Other	
Bottle Type P - Plastic G - Amber Glass VOA - 40 ml Vial Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined hereinafter) under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modification to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written Chain of Custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The client's delivery of samples to PCL or invitation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions and/or a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession where applicable. PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL's Standard Operating Procedures (SOPs) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection to the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out of pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided hereunder or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public, or is the public domain or client has title to data PCL for all services rendered or to perform in breach of the agreement), subject to any court mandate required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such data where such standard of care observed. PCL reports and information provided hereunder are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other innovations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and expenses and costs including, but not limited to all court fees (litigation), expenses and awards arising in favor of Client or any third party as a result of, and/or in any way resulting, incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials; 1. injury, disease or death of persons 2. loss of, damage to, loss of, or loss of use of property and/or 3. financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages or liabilities caused solely by the gross negligence or willful misconduct of PCL or its employees. To that this indemnity shall not be legally valid, to the fullest extent permitted under applicable law, in no event shall PCL be liable to client for any special, punitive, exemplary or consequential damages (including without limitation, loss of profit or business interruption), litigation expenses or attorney fees (including, without limitation, attorney's fees, court costs, and, or pre or post judgment interest), or any other expenses or cost incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement, even if client or the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, pollutant mixed chemicals, bacteria or any other hazardous or toxic materials, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as directed by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for and/or bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of execution on the date the services were ordered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when invoice is completed is required for all new clients or where a history of payment and/or credit account has not been established with PCL. For those clients with an established credit account, the terms for payment of charges are net CASH within thirty (30) days from date of invoice. To the fullest extent permitted by at all by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedures or efforts.

13. Agreement Modification

Changes, modifications or amendments to the Terms shall be effective only in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is acting, whether hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants and agrees that said data, information and reports are not tendered, or shall be used or relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any security, any sample or offer reporting to the holders of any security, the sale, assignment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 2pm on weekdays without prior modification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. Lists of holding times can be provided by the client if requested. All analytes with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 7-7 days, samples must arrive at the lab within 24 hours before separation to ensure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered the same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM LABORATORIES
QUALITY ANALYTICAL SERVICES SINCE 1987
1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

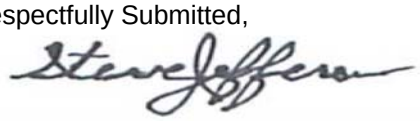
Attention: Ric Vardel
Report Date: 13-Jun-18 15:26
Subject: (MCC) Weekly INF

Project/P.O.#: (MCC) Weekly INF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
INF (Sample I.D.# : 18F0128-01) Collected: 06-Jun-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AF80713	2	12-Jun-18 (SGS)	154 mg/l	
Total Suspended Solids	SM 2540D	AF80808	1	08-Jun-18 (SGS)	180 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 6/13/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18F0128

Customer: IPC, Inc.		Project: (MCC) Weekly INF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
INF	06/06/18	1135	1	TSS	Grab	AQ	1L P	4°C	
"	"	"	1	BOD	Grab	AQ	1L P	4°C	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	06/06/18	
Received by		Robert Keen	6/6/18	
Relinquished by		MARIO SANTESTEBAN	6/6/18	
Received by				
Relinquished by				
Received in lab by			6/6/18	1520

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	HC - HCl
Comp	HS - H_2SO_4
Matrix	HN - HNO_3
AQ - Water	HP - H_3PO_4
SO -Soil / Sludge	OH - NaOH
OT - Other	ST - Sodium Thiosulfate
Bottle Type	AA - Ascorbic Acid
P - Plastic	Al - $AlCl_3$
G - Amber Glass	Cu -$CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these terms and conditions of sale, including the price schedule and any amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its agents, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL)'s standard price schedule, or such documents may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined below) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes (i) an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and (2) an agreement to be bound by these terms and conditions. The client's delivery of samples to PCL or initiation of consulting services constitutes the client's assent to be governed by these terms and conditions. No company or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract notwithstanding acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including preparation of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), U.S. Waterboard (USGS), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the sample(s) or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided hereon, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder, subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the samples will be provided by client or on client's request, and the results obtained by PCL shall be held in confidence (unless such information is publicly available or the public at large or client has failed to pay PCL for all services rendered). Furthermore, in pursuit of the agreement, neither party to any action required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and information to keep confidential Client's disclosure of said data which is identified in writing as confidential. All reports and information provided hereunder are for the exclusive use and benefit of client and client agrees that it shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical know-how, software, programs or other methodologies.

10. Hold Harmless

Client is aware and shall save harmless, defend, and hold PCL, its employees, officers, subcontractors, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages (client, hereinafter "claims") of action, costs and expenses including, but not limited to attorneys fees (the obligation to defend, and assess, arising in favor of client or any third party as a result of, and/or in any way occurring incident to arising out of or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's samples or materials, whether or death of persons or loss of, damage to, or loss of use of property arising as a consequence of any and all of the foregoing unless such damages are caused directly by the gross negligence or willful misconduct of PCL and its employees. Further, this indemnity shall not apply to injury, claims or charges arising out of or in connection with the client's failure to comply with any applicable law. Client agrees that its indemnity obligation will be supported by adequate liability insurance coverage to be furnished to client, with an insurance shall be in the maximum amounts permitted under applicable law. In the event PCL is made a party to any lawsuit, hearing, special proceeding or administrative investigation arising out of or in connection with this agreement or any services performed hereunder by client or any other party to any litigation against or involving PCL or any officer or employee in connection with this agreement or any actions performed under this agreement, except claims of the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, pesticide-related chemicals, bacteria or any other hazardous or toxic-containing wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules. PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any interpretation of administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of retained samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for asbestos bacterial analysis, client will be charged a sample disposal fee per sample unless, that, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of operations on the basis the services were rendered or work progressed and taxes reimposed in writing. The price schedule is subject to change at any time without notice. Payment in advance or cash on delivery is customarily required for all new clients or upon a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of invoices are NET (insert action term) days from date of invoice. To the fullest extent permitted (if at all) by applicable law, any amount owing at the end of thirty (30) days is subject to interest at the rate of the maximum rate permitted by law or one and one-half percent (1.5%) per month, as the case may be. If unpaid amounts are referred to debt legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees of agents for collection and such collection proceedings or claims.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL with the client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is hereby severally hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and client has no third party rights to such data, information or reports. Client represents, warrants and agrees that said data, information and reports are not to be relied upon by, or communicated to, in connection with or regard of, the purchase, sale, underwriting, or distribution of any securities, and that any or other reporting to the holders of any security, the pending, entertainment, renewal, or extension of any loan from any financial institution or other lender or the certification to or participating with or directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after hours on weekdays without prior notification and acceptance, standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. For analyses with holding times of 14 days or less, samples must arrive within 24 hours of when PCL or client is willing unless in short advising a rush surcharge. All short holding times, 3-7 days, samples must arrive at the lab in less than 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered every same day in order to guarantee holding times are met. After hours, late deliveries, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis is report completed. Suitable storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be disposed of at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been included on the fee schedule. It could be time has been allocated for each pick up or service. Unnecessary travel during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

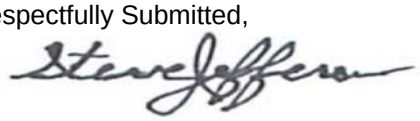
Attention: Ric Vardel
Report Date: 13-Jun-18 14:58
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0146-01) Collected: 07-Jun-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AF80806	2	13-Jun-18 (SGS)	3 mg/l	
pH	SM4500-H-B	AF81121	0.1	07-Jun-18 (SS)	7.6 pH Units	
Residual Chlorine	SM 4500 Cl-G	AF80814	0.05	08-Jun-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AF80711	1.8	09-Jun-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AF80711	1.8	09-Jun-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 6/13/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18F0146

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	06/07/18	1015	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	06/07/18	
Received by		David Farrell PCL	6/7/18	1156
Relinquished by		David Farrell PCL	6/7/18	1330
Received by				
Relinquished by				
Received in lab by			6/7/18	1530

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	**HC** - HCl
Comp	**HS** - H_2SO_4
Matrix	**HN** - HNO_3
AQ - Water	**HP** - H_3PO_4
SO -Soil / Sludge	**OH** - NaOH
OT - Other	**ST** - Sodium Thiosulfate
Bottle Type	**AA** - Ascorbic Acid
P - Plastic	**Al** - $AlCl_3$
G - Amber Glass	**Cu** -$CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any addenda or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consisting of sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services as defined herein only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or in relation of requesting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession where applicable. PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboards (CLIIP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) or the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services rendered hereunder any provision to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence unless such information is generally available to the public or in the public domain or client has filed to pay PCL for all services rendered and incurred in breach of the agreement, subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in safeguarding its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided hereunder are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning technical information, methods, processes or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all costs for the litigation (save harmless and properly acting in favor of client or any third party as a result of, wholly or in any way directly incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement) and/or investigation (whether or not client's fault is proven) of claims, demands, or actions of every kind and character arising out of or in connection with the negligent act or breach of contract by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any remedy which the client might otherwise have at PCL and the other Indemnified Persons. To the extent not barred under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption, litigation expenses or other fees (including, without limitation, attorney's fees, court costs, and fees for pre-and post-judgment interest), or any other expenses of every incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or any services provided under this agreement, even if client or the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples solely for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or radiochemical wastes and substances which are defined, determined or identified as such under federal, state or local laws. PCL believes all regulations (existing now existing or being after enacted or promulgated) or any judicial or administrative interpretation of such shall call the "Hazardous Materials". Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for asbestos bulk material analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Unless agreed by PCL in accordance with PCL's applicable price schedule in effect at the time of acceptance of the order, all services were rendered or will be priced quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or client and credit card is required for all new clients or with a history of payment issues or do not have has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted or at all by applicable law, any amount unpaid at the end of thirty (30) days will bear interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings, or by an attorney, we client shall pay reasonable costs and attorney's fees to agency fees associated with such collection procedure or action.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client's authorized representative. Verbal or subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or test results provided by PCL. Client's consulting services hereunder for its own purposes, and not as agent or broker for any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that such data, information and reports are not requested, or used by client in any way, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or similar lender or the certification to or communicating with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays unless prior modification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. For analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All rush holding times (7 days, samples must arrive at the lab within 24 hours before we attempt to ensure that the holding times can be met. Short holding times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late deliveries, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been stated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

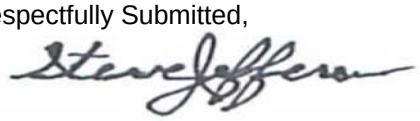
Attention: Ric Vardel
Report Date: 15-Jun-18 15:31
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0170-01) Collected: 08-Jun-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AF81018	2	15-Jun-18 (SGS)	<2 mg/l	
pH	SM4500-H-B	AF81121	0.1	08-Jun-18 (SS)	7.1 pH Units	
Residual Chlorine	SM 4500 Cl-G	AF80921	0.05	09-Jun-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AF80813	1.8	10-Jun-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AF80813	1.8	10-Jun-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 6/15/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18F0170

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine	CA 92618	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	06/08/18	1120	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	
			10	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	06/08/18	
Received by		Evan G (PCL)	6/8/18	1200
Relinquished by		Evan G (PCL)	6/8/18	1300
Received by				
Relinquished by				
Received in lab by		PCL	6/8/18	1600

Sample Received Checklist

Temperature upon receipt: _____

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	HC - HCl
Comp	HS - H_2SO_4
Matrix	HN - HNO_3
AQ - Water	HP - H_3PO_4
SO - Soil / Sludge	OH - NaOH
OT - Other	ST - Sodium Thiosulfate
Bottle Type	AA - Ascorbic Acid
P - Plastic	Al - $AlCl_3$
G - Amber Glass	Cu - $CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The client may order services by submitting a written (hard or electronic (COC)) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the Client's express agreement to be governed by these terms and conditions. No preprinted or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of accountability in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (CLAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL's Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for assisting PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or in the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided shall be for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client without disclose to any third party any information concerning method information, software, processes or other technologies.

10. Hold Harmless

Client releases, and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all claims, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees, the Litigation Expenses and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials; 1. injury, illness or death of persons 2. loss of, damage to, loss of, access of use of property and/or 3. financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, suits, damages or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any indemnity which the Indemnified Persons would have in PCL and the other Indemnified Persons. To the extent (necessary under applicable law), client agrees that its indemnity obligation will be supported by available liability insurance coverage or be furnished by client, with insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profits or business interruption) (Litigation Expenses or other fees providing, without limitation, attorney's fees, court costs, and/or pre-post judgment interest), or any other expenses to client incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, waste and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples retained by PCL for any lab terminal analysis, client will be charged a sample disposal fee per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operation on the date the services were rendered or with prices mutually and expressly confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or advise analysis is completed is required for all new clients or and a history of payment and/or credit account has been established with PCL. For those clients with established credit accounts, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by law or any applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on late unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the Client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection proceedings or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client's authorized representative. Client may submit requests for additional services may be verbal or in writing.

14. No Third Party Beneficiaries/No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client's consulting services hereunder for its own account, and not as agent or broker, or as a commissioned representative for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third parties may rely on such data, information or reports. Client expressly disclaims, waives, and agrees that no data, information and reports are not rendered for, shall be used to refund upon, in connection with on behalf of, the purchase, sale, underwriting, or administration of any securities, any periodic or other reporting to the holders of any security, the securing, encumbrance, renewal, or extension of any loan from any financial institution or other lender or the syndication to or connecting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for an unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded for quick turnaround samples that are received on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. For analyses with holding times of 24 hours or less, samples must arrive within 36 hours to allow PCL to analyze during others without applying a rush surcharge. For short holding times, i.e. 8 hours, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 8 hours) must be delivered that same day in order to guarantee holding times are met. Weekends, late deliveries, freight company delays or carrier issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are as listed as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Samples held for longer periods is by request only. Freezing and long term storage is subject to an additional charge. Fees will be discerned at the end of the prescribed storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been stated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

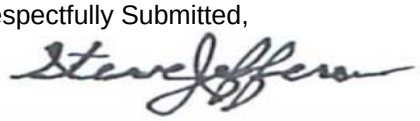
Attention: Ric Vardel
Report Date: 15-Jun-18 15:33
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0187-01) Collected: 09-Jun-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AF81018	2	15-Jun-18 (SGS)	4 mg/l	
pH	SM4500-H-B	AF81121	0.1	09-Jun-18 (SS)	7.0 pH Units	
Residual Chlorine	SM 4500 Cl-G	AF81020	0.05	10-Jun-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AF80922	1.8	11-Jun-18 (EA)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AF80922	1.8	11-Jun-18 (EA)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 6/15/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18F0187

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine	CA 92618	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	06/09/18	1205	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.0
			1	BOD	Grab	AQ	1L P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	06/09/18	1215
Received by	Jose L Gomez	Jose L Gomez	6-9-18	12:25
Relinquished by	Jose L Gomez	Jose L Gomez	6/9/18	1350
Received by				
Relinquished by				
Received in lab by		Alex Walker Jr	6/9/18	1400

Sample Received Checklist

Temperature upon receipt: 4°c

# of bottles agrees with COC?	(Yes) No
Samples intact?	(Yes) No
Samples properly preserved?	(Yes) No
Samples in holding time?	(Yes) No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
(Grab) Comp	HC - HCl
Matrix	HS - H_2SO_4
AQ - Water	HN - HNO_3
SO - Soil / Sludge	HP - H_3PO_4
OT - Other	OH - NaOH
Bottle Type	ST - Sodium Thiosulfate
P - Plastic	AA - Ascorbic Acid
G - Amber Glass	AI - $AlCl_3$
VOA - 40 ml Vial	Cu - $CuSO_4$
(Coli) - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" are to these Terms and Conditions of sale, including the push schedule and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who or who requests laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (or defined services) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may order services by submitting a written (hard of electronic (e.g. e-mail)) request for services to PCL. Any such order constitutes 1) an acceptance by the Client of PCL's offer to do business with the Client under the terms and conditions and 2) an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the Client's request and shall be governed by these terms and conditions. No preprinted or additional terms and conditions appearing on a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this Agreement, "services" shall mean all work to be performed for the client, including written reports and all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the Services in accordance with the normal standards of accomplishment in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), 40 C.F.R. Watershield (STAR), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or circumstances of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or subcontractors to the Client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amounts for said services. Client's execution of a work order and/or proposal releases PCL from any liability in excess of the invoiced amounts for the services, notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample material provided by client or on client's request and the results obtained by PCL shall be held in confidence by PCL. Such information is generally available to the public or in the public domain or client has had to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL maintains the same standard of care it uses to protect its own confidential data and shall not be responsible for unauthorized disclosure of such data which such standard has occurred. PCL accepts and information provided (items) and for the exclusive use and benefit of client and client agrees that shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning methods of testing, software, programs or other technologies.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses, damages, claims, demands, causes of action, fines and costs and expenses including, without limitation, attorneys' fees, litigation expenses and amounts paid in settlement, in favor of Client or any third party as a result of, and/or in any way occurring, incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, injury, illness or death of persons, loss of, damage to, use of, or loss of use of property, or violation of any law, rule or regulation by any person, firm or corporation, except to the extent caused by the gross negligence or willful misconduct of PCL or its employees. Furthermore, Client shall indemnify, defend and hold harmless PCL, its officers, directors, employees, agents, affiliates, subsidiaries, parent company and all other companies under common ownership with PCL against any and all claims, losses, damages, liabilities and expenses (including reasonable attorneys' fees and costs of investigation, litigation, settlement, judgment, interest and penalties) which may be asserted against or incurred by them or any other party as a result of, or arising out of or in connection with, the performance of services by PCL hereunder, except to the extent caused by the gross negligence or willful misconduct of PCL or its employees. Client's indemnification obligations shall survive the termination of this agreement.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive complete chemicals for analyses such as asbestos, polychlorinated biphenyls, pesticides or any other hazardous or toxic material, waste, and substances which are defined, determined or governed as such under federal, state or local laws. PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any written or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused composite which contain hazardous materials. PCL reserves the right to charge the client for the disposal of unused samples at actual cost with PCL's current sample disposal policy. In addition, all samples received by PCL for analytical analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of acceptance of the Terms for services rendered or which are accepted, and later confirmed in writing. The price schedule is subject to change at any time without notice. Invoices (indicating an advance is completed) is required for all new clients or until a history of satisfactory credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted at all by applicable law, any amount unpaid at the end of thirty (30) days is not yet delivered at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid amount. If any action for collection is brought by legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agency fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the Terms shall be effective only if in writing and executed by an officer of PCL and by a duly authorized representative of the Client. Any such changes, orders or additions ordered by the Client verbally shall be confirmed in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of the data, advice, information or reports provided by PCL. Client's consulting services hereunder for the sole benefit, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on, or claim reliance upon this agreement, PCL's data, interpretations and reports are not transferable, or able to be assigned, upon the termination of the project or thereafter, by assignment or otherwise, without the express written consent of PCL in each instance. Any attempted assignment, delegation or transfer by Client in violation of this Section shall be void.

15. Rush Analysis

Rush analysis are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered, via messenger or other mail to laboratory subject to prior notification or acceptance. Standard holding times and storage conditions should be followed prior to the samples being received by PCL. A list of holding times can be provided to the client if requested. All analytical and holding times of 24 hours or less, calculated from a time within the hours to allow PCL to meet holding times without applying a rush surcharge. All rush holding times of less, complicated prior at the lab within 24 hours before expiration to ensure that the holding times can be met. Short holding times of 48 hours or less in Pennsylvania environment are observed that some days to allow for guarantee holding times are met. After hours, late deliveries, freight companies delays or similar issues are subject to additional rush fees and/or the liability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for a period of thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Prolonged long term storage is subject to an Additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 01-Jul-18 15:51
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0192-01) Collected: 10-Jun-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AF81231	2	17-Jun-18 (LL)	<2 mg/l	
pH	SM4500-H-B	AF81121	0.1	10-Jun-18 (SS)	7.6 pH Units	
Residual Chlorine	SM 4500 Cl-G	AF81123	0.05	11-Jun-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AF81019	1.8	12-Jun-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AF81019	1.8	12-Jun-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 7/1/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18F0192

Customer: IPC, Inc.		Project : (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine	CA 92618	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	06/10/18	1130	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	
			2	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (SPC)	06/10/18	1145
Received by		Jorden Corkery (Patchem)	06/10/18	1255
Relinquished by				
Received by				
Relinquished by				
Received in lab by				

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these terms and conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms does not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. An acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or invitation of consulting services constitutes the Client's express assent to be governed by these terms and conditions. No conditions or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession where applicable, PCL will use laboratories methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) or the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the professional judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided hereon, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client is/ was to pay PCL for all services rendered or is otherwise in breach of the agreement), subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereunder are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, costs and associated expenses including, but not limited to, attorneys fees (the Losses & Expenses) and awards arising in favor of client or any third party as a result of, and/or in any way occurring, incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or implementation, handling or disposal of client's hazardous materials; 1. injury, disease or death of persons 2. actual damage to, loss of, or loss of use of property and/or 3. financial loss of every kind or character. The above indemnification applies to and of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to fines, claims, charges, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any intoxicated Person, whether in action or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruptions, litigation expenses or other fees (including, without limitation, attorney's fees, court costs, and/or pre or post judgement interests, or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or an indemnified person in connection with this agreement or services provided under this agreement, even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or described as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). client unintentionally and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for analysis or preservation analysis, client will be charged a sample disposal fee per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedules in effect in the area of operations on the date the services were rendered or with prices negotiated and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or upon analysis is required for all new clients and clients who have not established credit accounts. The terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by law, any amount unpaid of the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law to one and one-half percent (1.50%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agency fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the Terms shall be effective only in writing and executed by an officer of PCL and by clients authorized representative. Verbal or subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. Client agrees and acknowledges that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall not be relied upon, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed, proof to any samples being received by PCL. A list of holding times will be provided to the client if requested. All analyses with holding times of 24 hours or less, samples must arrive within 36 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times (7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria, 15 minutes) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

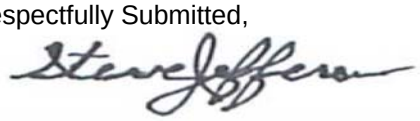
Attention: Ric Vardel
Report Date: 01-Jul-18 15:53
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0205-01) Collected: 11-Jun-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AF81231	2	17-Jun-18 (LL)	<2 mg/l	
pH	SM4500-H-B	AF81232	0.1	12-Jun-18 (SS)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AF81234	0.05	12-Jun-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AF81124	1.8	13-Jun-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AF81124	1.8	13-Jun-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 7/1/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: F8F0205

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Golan Kfir	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field (Lab)
EFF	6/11/18	11:30	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.41
	"	"	1	BOD	Grab	AQ	1L P	4°C	
	"	"	1 2	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by: GK	Golan IPC	6/11/18	
Received by: EC	Golan IPC	6/11/18	1230
Relinquished by: EC	Golan IPC	6.11.18	1400
Received by:			
Relinquished by:			
Received in lab by:		6/11/18	1400

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	**HC** - HCl
Comp	**HS** - H_2SO_4
Matrix	**HN** - HNO_3
AQ - Water	**HP** - H_3PO_4
SO -Soil / Sludge	**OH** - NaOH
OT - Other	**ST** - Sodium Thiosulfate
Bottle Type	**AA** - Ascorbic Acid
P - Plastic	**Al** - $AlCl_3$
G - Amber Glass	**Cu** -$CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any amendments or addendums to which are agreed to in writing. "Client" means the individual or entity who may request laboratory services consisting of sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule, as such document may be amended or released from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by particular a written chain of custody (COC) to PCL. Any such order constitutes (i) an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and (ii) an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No conflicting or additional terms and conditions expressed in a client's document shall be deemed to constitute a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), 24 Watershield (FEAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or components of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOPs) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the clients arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel perform the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancelation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or in the public domain or client has filed to pay PCL for all services rendered or in other ways in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such data when such standard was observed. PCL reports and information provided thereunder is for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning services, information, or fixed programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, suits, or actions, fines and reasonable expenses including, but not limited to attorneys fees, litigation expenses and award costs in favor of client or any third party as a result of, whole or any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement, sample transportation, handling or disposal of client's hazardous materials, or injury, damage, death of persons or property, damage to, loss of, or use of property owned by, and/or in possession of client. The foregoing does not apply to any of the foregoing losses, costs, damages, suits, fines, causes of action, by the gross negligence or willful misconduct of PCL or its employees. Further, PCL is not liable for consequential, special, or indirect damages, claims damages, actions or injury, cost and manufacturing out of error committed and the negligent or the absence of omission by any unidentified person, whether active or present, in the performance of services under this agreement. The foregoing notwithstanding will have a defense to any claims which the client might otherwise have as PCL and its other indemnified persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, with insurance coverage to be maintained within applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption (regardless of whether PCL was advised of the possibility of such losses, expenses or costs) incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls (pcb's) or any other hazardous or toxic material, wastes and substances which are defined, determined or designated as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any lab potential analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit acceptance has been established with PCL. For local clients with an established credit account, the terms for payment of charges are NET CASH within forty (30) days from date of invoice. To the fullest extent permitted (if at all) by applicable law, any amounts unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate provided by law or one and one-half percent (1.5%) per month on the unpaid balance. If unpaid amounts are referred through legal proceedings or to an attorney, the client shall pay reasonable costs and Attorney's fees or agents' fees associated with such collection procedures or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and persons authorized representatives, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is acting as an independent contractor for its own account, and not as agent or broker for any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that test data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities for periods or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the participation in or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded by reason of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be ordered prior to any samples being received by PCL. Acids of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 36 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 7 days, samples must arrive at the lab within 24 hours before evaluation to ensure that the holding times can be met. Short Holding Times of 48 hours or less (Pesticides & Nitrate) must be delivered that same day in order to guarantee holding times are met. Other factors, late delivery, freight company delays or digital issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

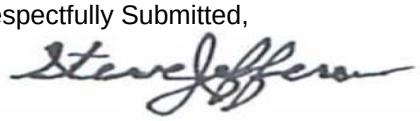
Attention: Ric Vardel
Report Date: 01-Jul-18 15:56
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0233-01) Collected: 12-Jun-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AF81330	2	18-Jun-18 (EA)	11 mg/l	
pH	SM4500-H-B	AF81338	0.1	12-Jun-18 (SS)	7.3 pH Units	
Residual Chlorine	SM 4500 Cl-G	AF81328	0.05	13-Jun-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AF81236	1.8	14-Jun-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AF81236	1.8	14-Jun-18 (PL)	2.0 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 7/1/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18F0233

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field (Lab)
EFF	06/12/18	11:15	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.3 24.7°C
			1	BOD	Grab	AQ	1L P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (3RD)	06/12/18	
Received by		C. Tatum	6/12/18	1230
Relinquished by				
Received by				
Relinquished by		C. Tatum pcl	6/12/18	1430
Received in lab by			6/12/18	1430

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type: ~~Grab~~ Comp

Matrix: AQ - Water; ~~SO - Soil / Sludge~~; OT - Other

Bottle Type: P - Plastic; ~~G - Amber Glass~~; VOA - 40 ml Vial; Coli - bacteria

Preservations: HC - HCl; HS - H_2SO_4; HN - HNO_3; HP - H_3PO_4; OH - NaOH; ST - Sodium Thiosulfate; AA - Ascorbic Acid; Al - $AlCl_3$; Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" refers to these terms and conditions of sale, including the price schedule, and any additions or amendments thereto which are agreed to in writing. "Client" means the individual or entity who or which requests laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or released from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "Services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession where applicable. PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), U.S. Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or subcontractors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for assuring PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample material provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereon are for the exclusive use and benefit of Client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software, programs or other installations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all Liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees, the litigation's expenses and penalties arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, condition or disposal of regulated materials, a) bodily injury or death of persons 2. sickness, damage to, illness, or loss of use of property, and 3. personal loss of every kind of character. The indemnity does not apply to any of the foregoing losses, claims, damages, or liabilities caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to client's claims, damages, actions of every kind and character arising out of or in connection with the negligence (sole or concurrent) caused by any indemnified Person, whether active or alleged, in the performance of this agreement (the agreement). The foregoing indemnities will be in addition to any rights to which the client might otherwise have in PCL and the other indemnified Persons. To the extent not limited under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption, Litigation Expenses or other loss (including, without limitation, attorney's fees, court costs, and fair pre or post judgment interest)), or any other expenses or costs incurred by client or any other party to any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement, even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide, and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or described as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof) the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will return to all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any lab tests/analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of operations or the time the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or on all analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET Cash within forty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees of against fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is entering services hereunder for its own account, as such or agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not to solicited, or shall be used or relied upon, in connection with the issuance of the purchase, sale, underwriting, or distribution of any securities, the periodic or other reporting to the holders of any securities, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are expired because of samples that are delivered on weekends or after 3pm for analysis without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analysis with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All tests holding times of 7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short holding times of 48 hours or less shortened 5-9 hours must be delivered that same day in order to guarantee holding times are met. After hours, late deliveries, weekend deliveries or special drivers are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of our fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

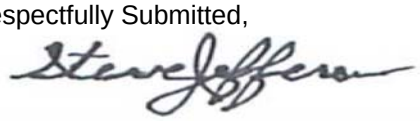
Attention: Ric Vardel
Report Date: 01-Jul-18 15:58
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0272-01) Collected: 13-Jun-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AF81409	2	19-Jun-18 (EA)	13 mg/l	
pH	SM4500-H-B	AF81413	0.1	13-Jun-18 (SS)	7.3 pH Units	
Residual Chlorine	SM 4500 Cl-G	AF81411	0.05	14-Jun-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AF81340	1.8	15-Jun-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AF81340	1.8	15-Jun-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 7/1/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18P0272

Customer: IPC, Inc.		**Project :** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** Golan Kfir	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserv.	Field Data (pH / Temperature) pH: Field Lab
EFF	6/13/18	10:15	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.3
	~	~	1	BOD	Grab	AQ	1L P	4°C	
	~	~	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

Signature	Print Name (Company)	Date	Time
Relinquished by: GK	Golan IPC	6/13/18	
Received by: C.Tatum	C.Tatum PCL	6/13/18	
Relinquished by:			
Received by:			
Relinquished by: C.Tatum	C.Tatum	6/13/18	1530
Received in lab by:		6/13/18	16 30

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC? Yes No
Samples intact? Yes No
Samples properly preserved? Yes No
Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who has requested laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor to be hired for all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined hereinafter) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), 40 Waterboard (ESAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or advisable are due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for such services. Client's acceptance of a work order will for purposes release PCL from any liability in excess of the invoiced amount for the services outstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the private materials provided by/owned of all client's request and the results obtained by PCL shall be held in confidence unless such information is generally available to the public or in the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided hereunder are for the exclusive use and benefit of Client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, data or programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to, all court fees (the judgments, combined and awards) arising in favor of Client or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials: 1. losses, disease or death of persons 2. loss of, damage to, loss of, or loss of use of property and/or 3. fines and acts of every kind of character. This indemnity does not apply to any of the foregoing losses, suits, damages, obligations valued solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to fines, claims or regulatory actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnity is in addition to and not in lieu of any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption, litigation expenses or attorneys fees (including, without limitation, attorney's fees, court costs, and fees are at post judgment interest), or any other expenses or costs incurred by client or any third party in any litigation against or involving PCL or any interested person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analytes such as asbestos, potentially mixed solvents, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for asbestos analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of contract or on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment satisfactory to us has been established with PCL. For clients credit with an established credit account, the terms for payment of invoices are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only if in writing and executed by an officer of PCL and by Client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is serving services hereunder for its own account, and not as agent to broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to refund upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 2pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are to affect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 01-Jul-18 16:07
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0292-01) Collected: 14-Jun-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AF81508	2	20-Jun-18 (SGS)	<2 mg/l	
pH	SM4500-H-B	AF81938	0.1	14-Jun-18 (SS)	7.3 pH Units	
Residual Chlorine	SM 4500 Cl-G	AF81504	0.05	15-Jun-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AF81414	1.8	16-Jun-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AF81414	1.8	16-Jun-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 7/1/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 180292

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Golan Kfir	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field (Lab)
EFF	6/14/18	12:20	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.3
	"	"	1	BOD	Grab	AQ	1L P	4°C	
	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by: GK	Golan, IPC	6/14/18	
Received by: C Taylor	C. Taylor PCL	6/14/18	1220
Relinquished by: C Taylor	C. Taylor PCL	6/14/18	1450
Received by:			
Relinquished by:			
Received in lab by:		6/14/18	1450

Sample Received Checklist 4°C

Temperature upon receipt: _____

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu -$CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any addenda or amendments thereto which are agreed to in writing. "Client" means the individual or entity who shall request laboratory services, including or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means the Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following Client Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No qualifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The client may order services by submitting a written work order (WO) to PCL. Any such written communication is an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and is an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or acceptance of consulting services shall be deemed acceptance of these Terms and Conditions.

The Client's delivery of samples to PCL or acceptance of consulting services shall be deemed acceptance of these Terms and Conditions. No additional or additional terms and conditions contained in a client's document shall be deemed to become a part of this contract unless upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession where applicable. PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or circumstances of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or subcontractors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform its services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and test results made available by PCL to Client at Client's request and the results obtained by PCL shall be held in confidence unless such information is generally available to the public or is the public domain or Client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement, subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data when such standard has been met. PCL reports and information provided hereunder are for the exclusive use and benefit of Client and may not be relied upon by third parties or used in connection with boilerplate information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and costs and expenses including, but not limited to, attorneys' fees (the "Losses") incurred and awarded following defense of Client or any third party as a result of, and/or in any way connected with the performance of services by PCL pursuant to this agreement and/or transportation, delivery or disposal of samples hereunder. Without limiting the generality of the foregoing, Client shall indemnify PCL for Losses resulting from any claim, damage, fine, penalty or action of any governmental or regulatory agency, or any and all Losses or property and/or personal loss of every kind and character. This indemnification shall apply to any of the foregoing losses which, directly or indirectly, arise from or relate to the negligence or breach of contract by any indemnified Person, whether active or passive, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the fullest extent permitted under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which coverage shall specifically name PCL and its employees, officers, directors and agents as additional insureds. In the event client fails to meet its indemnity obligation, PCL shall be entitled to collect its reasonable attorneys' fees, costs and expenses (including, without limitation, attorney's fees, court costs and costs of appeal, judgement enforcement or any other measures to collect amounts due client or any other party in any respect against or involving PCL or any indemnified person in connection with this agreement or any services rendered under this agreement or any dispute in the relationship between the parties.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls (PCBs), bacteria or any other hazardous or toxic material, waste, and substances which are defined, determined or described as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any material administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples or specimens by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for analytical analysis client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of service or on the date the services were rendered or as the prices are agreed upon and confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or after analysis is completed is required for all new clients or upon a history of delinquent payments or non-payment with PCL. For those clients with an established credit account, the terms for payment of charges are NET (date of invoice) thirty (30) days from date of invoice. To the fullest extent permitted by law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law and one and one half percent (1.5%) per month on the invoiced balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay PCL's reasonable costs and attorney's fees in addition to the unpaid amount plus interest.

13. Agreement Modification

Changes, modifications or amendments to the Terms shall be effective only in writing and executed by an officer of PCL. PCL's representatives are not authorized to make any oral agreements. Quotes for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports prepared by PCL. Client is solely responsible for its own analysis and use of data or information and any other representations. Liability for any other person or entity is denied and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not published, or shall be kept strictly confidential in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities. Any exception to the foregoing or the issuance of any report to the securities underwriter, counsel, or purchaser of any loan from any financial institution or other lender in the participation in or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analysis are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the regular price will apply.

16. Holding Times

PCL assumes no responsibility for holding times that are exceeded because of samples that are received or are received after 3pm on weekdays and/or after notification and on weekends. Standard holding times and storage conditions should be reviewed prior to the sampling having commenced by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a Rush surcharge. All short holding times 2-7 days, samples must arrive at the lab within 24 hours before expiration to allow for the holding times to be met. Short Holding Times of 48 hours or less (bacteria or tests) must be delivered the same day in order to guarantee holding times are met. After hours, late deliveries, weather conditions or similar issues are subject to additional surcharges and/or the inability to meet holding times. All holding times are in effect at time of publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by special only. Prearranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been listed on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be subject to an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 01-Jul-18 16:10
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0317-01) Collected: 15-Jun-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AF81508	2	20-Jun-18 (SGS)	2 mg/l	
pH	SM4500-H-B	AF81938	0.1	15-Jun-18 (SS)	7.2 pH Units	
Residual Chlorine	SM 4500 Cl-G	AF81504	0.05	15-Jun-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AF81513	1.8	17-Jun-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AF81513	1.8	17-Jun-18 (JC)	2.0 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 7/1/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18P0317

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine	CA 92618	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	05/17/18	1000	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (SCE)	06/15/18	
Received by		Carla	6/15/18	1310
Relinquished by				
Received by				
Relinquished by				
Received in lab by			6-15-18	1610

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? (Yes) No

Samples intact? (Yes) No

Samples properly preserved? (Yes) No

Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
(Grab) Comp	HC - HCl
Matrix	HS - H_2SO_4
(AQ) - Water	HN - HNO_3
SO -Soil / Sludge	HP - H_3PO_4
OT - Other	OH - NaOH
Bottle Type	ST - Sodium Thiosulfate
(P) - Plastic	AA - Ascorbic Acid
G - Amber Glass	AI - $AlCl_3$
VOA - 40 ml Vial	Cu - $CuSO_4$
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additional amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the Client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or invitation of consulting services constitutes the Client's assent to be governed by these terms and conditions. No portion of additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviation, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided hereon, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for assuring PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or to the public domain or client has told to pay PCL for all services rendered or is otherwise in breach of this agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for inadvertent disclosure of said data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client's agents and there shall be no third party beneficiaries to such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and reasonable expenses including, but not limited to all costs from (the negligence) asserted and/or arising in favor of Client or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials: 1. injury, disease or death of persons; 2. loss of, damage to, loss of, or loss of use of property and/or 3. business loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages, or expenses caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity does not specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence of personal injuries by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the Client might otherwise have to PCL and the other Indemnified Persons. To the extent such liability applies, client agrees that its indemnity obligation will be supported by adequate liability insurance coverage to be furnished by client, with limits not less than the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption, litigation expenses or other fees (including, without limitation, attorney's fees, court costs, and/or pre or post judgment interest), or any other expenses of costs incurred by client or any other party in any litigation against or involving PCL in any indemnified parties in connection with this agreement or all services rendered under this agreement even if client or the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for asbestos analysis, client will be charged a sample disposal fee per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. A current schedule of when analysis is completed is required for all new clients or upon initiation of payment and/or credit accounts have been established with PCL. For check clients with an established credit account, the terms for payment of charges are NET cash within thirty (30) days from date of invoice, to the fullest extent permitted by law and applicable law, any amount unpaid at the end of the thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees, agency fees associated with such collection proceedings or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by clients with signed checks or drafts. Verbal or telephonic orders for additional services may be accepted in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client is retaining services hereunder for its own account, and not as agent for, nor on account of, any other representative capacity for any client, person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely upon data, information or reports. Client represents, warrants and agrees that said data, information and reports are not rendered, or to be used, to refer to loans, in connection with or in aid of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any securities, the securing, amortization, renewal, extension of any loan from any financial institution or other lender or the certification to or concerning any directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any subsequent reason, the rush turnaround time cannot be met, the regular price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 5pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. For analytes with holding times of 24 hours or less, samples must be received within 36 hours to allow PCL to meet holding times without incurring a rush surcharge. All short holding time analyses, 7 days, samples must arrive at the lab within 5 days. Before experiments to ensure that the holding times are met. Short Holding Times of 48 hours or less must be received by 5 hours to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of our fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage beyond this period is by request only. Extended long term storage is subject to an additional charge. Samples will be disposed of at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been quoted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 01-Jul-18 15:43
Subject: (MCC) Weekly EFF

Project/P.O.#: (MCC) Weekly EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0319-01) Collected: 15-Jun-18 By IPC						
Ammonia as N	EPA 350.1	AF81818	0.10	18-Jun-18 (SGS)	<0.10 mg/l	
Nitrate as N	EPA 353.2	AF81505	0.20	15-Jun-18 (LA)	2.39 mg/l	
Nitrite as N	EPA 353.2	AF81505	0.02	15-Jun-18 (LA)	<0.02 mg/l	
Total Kjeldahl Nitrogen	EPA 351.2	AF81824	0.10	19-Jun-18 (LA)	0.94 mg/l	
Total Suspended Solids	SM 2540D	AF81820	1	18-Jun-18 (EA)	<1 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 7/1/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18P0317

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine	CA 92618	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	05/17/18	1000	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (SCE)	06/15/18	
Received by		Carla	6/15/18	1310
Relinquished by				
Received by				
Relinquished by				
Received in lab by			6-15-18	1610

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? (Yes) No

Samples intact? (Yes) No

Samples properly preserved? (Yes) No

Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
(Grab) Comp	HC - HCl
Matrix	HS - H_2SO_4
(AQ) - Water	HN - HNO_3
SO -Soil / Sludge	HP - H_3PO_4
OT - Other	OH - NaOH
Bottle Type	ST - Sodium Thiosulfate
(P) - Plastic	AA - Ascorbic Acid
G - Amber Glass	AI - $AlCl_3$
VOA - 40 ml Vial	Cu - $CuSO_4$
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

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The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the Client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.

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For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviation, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided hereon, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for assuring PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or to the public domain or client has told to pay PCL for all services rendered or is otherwise in breach of this agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for inadvertent disclosure of said data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client's agents and there shall be no third party beneficiaries to such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and reasonable expenses including, but not limited to all costs from (the negligence) asserted and/or arising in favor of Client or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials: 1. injury, disease or death of persons; 2. loss of, damage to, loss of, or loss of use of property and/or 3. business loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages, or expenses caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity does not specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence of personal injuries by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the Client might otherwise have to PCL and the other Indemnified Persons. To the extent such liability applies, client agrees that its indemnity obligation will be supported by adequate liability insurance coverage to be furnished by client, with limits not less than the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption, litigation expenses or other fees (including, without limitation, attorney's fees, court costs, and/or pre or post judgment interest), or any other expenses of costs incurred by client or any other party in any litigation against or involving PCL in any indemnified parties in connection with this agreement or all services rendered under this agreement even if client or the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for asbestos analysis, client will be charged a sample disposal fee per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. A current schedule of when analysis is completed is required for all new clients or upon initiation of payment and/or credit accounts have been established with PCL. For check clients with an established credit account, the terms for payment of charges are NET cash within thirty (30) days from date of invoice, to the fullest extent permitted by law and applicable law, any amount unpaid at the end of the thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees, agency fees associated with such collection proceedings or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by clients with signed checks or drafts. Verbal or telephonic orders for additional services may be accepted in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client is retaining services hereunder for its own account, and not as agent for, nor on account of, any other representative capacity for any client, person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely upon data, information or reports. Client represents, warrants and agrees that said data, information and reports are not rendered, or to be used, to refer to loans, in connection with or in aid of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any securities, the securing, amortization, renewal, extension of any loan from any financial institution or other lender or the certification to or concerning any directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any subsequent reason, the rush turnaround time cannot be met, the regular price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 5pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. For analytes with holding times of 24 hours or less, samples must be received within 36 hours to allow PCL to meet holding times without incurring a rush surcharge. All short holding time analyses, 7 days, samples must arrive at the lab within 5 days. Before experiments to ensure that the holding times are met. Short Holding Times of 48 hours or less must be received by 5 hours to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of our fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage beyond this period is by request only. Extended long term storage is subject to an additional charge. Samples will be disposed of at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been quoted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

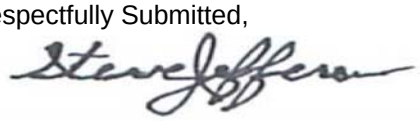
Attention: Ric Vardel
Report Date: 01-Jul-18 15:24
Subject: (MCC) Weekly INF

Project/P.O.#: (MCC) Weekly INF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
INF (Sample I.D.# : 18F0320-01) Collected: 15-Jun-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AF81508	2	20-Jun-18 (SGS)	994 mg/l	
Total Suspended Solids	SM 2540D	AF81820	1	18-Jun-18 (EA)	824 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 7/1/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18F0320

Customer: IPC, Inc.		**Project :** (MCC) Weekly INF	
Address: 9297 Research Drive		**Sampled by:** Golan Kfir	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
INF	6/15/18	11:50	1	TSS	Grab	AQ	1L P	4°C	
	"	"	1	BOD	Grab	AQ	1L P	4°C	
Geotracker EDD:									
Logcode: !PCI Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	Golan (IPC)	6/15/18	
Received by		6/15/18	1310
Relinquished by		6/16/18	1310
Received by			
Relinquished by			
Received in lab by		6-15-18	1620

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of Sale, including the price schedule, and any amendments or addendums hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The Client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall or deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the sample(s) or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the Client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

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Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

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Client may cancel any order for services hereunder, subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

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The parties agree that the Terms shall govern performance of Client's order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

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10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and expenses (including, but not limited to, attorneys' fees, court or litigation expenses and amounts paid in favor of client or any third party as a result of, and/or in any way resulting from) incurring, due to, or in connection with the performance of services by PCL pursuant to this agreement and/or from operations, handling or disposal of client's hazardous materials. This release of claims of persons 2. loss of, damage to, loss of, or loss in use of property, and/or 3. fines or loss of every kind of character. This indemnification applies to any of the foregoing suits, costs, damages, or judgments caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether active or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might have to PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligations will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, consequential, or exemplary damages (including, without limitation, loss of profit or business interruption, Litigation Expenses or attorneys fees (including, without limitation, attorney's fees, court costs, and fees paid to post judgment referees), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or as provided or provided under this agreement even if client or the previously said.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples material for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic materials, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (as either now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL is the client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify it's preferred method of disposal, PCL will return to the client all unused samples, which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples delivered to PCL for asbestos analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

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13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by clients authorized representative. Verbal or subsequent orders for additional services may be confirmed in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client is placing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not to be used, or shall not be used to solicit orders, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any prospectus or other reporting to the investing public, any renewal or extension of any loan from any financial institution or other lender or the certification to or contracting with agencies or individuals, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times due to unintended receipt of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must be received within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times are met. Short Holding Times of 48 hours or less (such as a 24 hour) must be delivered the same day in order to guarantee holding times are met. After hours, late deliveries, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of the fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Any arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 01-Jul-18 16:13
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0333-01) Collected: 16-Jun-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AF81718	2	22-Jun-18 (SGS)	<2 mg/l	
pH	SM4500-H-B	AF81938	0.1	16-Jun-18 (SS)	7.3 pH Units	
Residual Chlorine	SM 4500 Cl-G	AF81826	0.05	16-Jun-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AF81631	1.8	20-Jun-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AF81631	1.8	20-Jun-18 (PL)	2.0 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 7/1/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1870333

Customer: IPC, Inc.		**Project:** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** JULIO LEAL	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	06/16/18	09:30	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
	/	/	1	BOD	Grab	AQ	1L P	4°C	
	/	/	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	JULIO LEAL	6-16-18	
Received by			
Relinquished by Jose L Gomez	JOSE L GOMEZ	6-16-18	11:30
Received by			
Relinquished by			
Received in lab by	PIL	6/16/18	1540

Sample Received Checklist 4

Temperature upon receipt: _____

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
~~Grab~~
Comp

Matrix
~~AQ~~ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
~~P~~ - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu -$CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any addenda or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined below) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by those terms and conditions. The client's delivery of samples to PCL or invitation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

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PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies (if necessary or appropriate due to the nature or conditions of the samples or otherwise) based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for allowing PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or in the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided shall be for the exclusive use and benefit of client and only agreed there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees, fine, litigation expenses and awards arising in favor of client or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. Injury, illness or death of persons 2. loss of, damage to, misuse of, or use of property and/or 3. Financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence or breach of contract by any Indemnified Person, whether active or passive, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other Indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) whatever (however or when) arising (including, without limitation, attorney's fees, court costs, and all pre-and post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement, even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request, shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's EA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all terminal analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of commencement of the date the services were rendered or with prices subsequently confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or advance analysis is completed is required for all new clients or upon a history of payment and/or credit exceptions have been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoice, to the fullest extent permitted by all applicable law, any amounts unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, client shall pay reasonable costs and attorney's fees, agents' fees associated with such collection proceedings or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective upon signed and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is retaining services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that such data, information and reports are not requested or shall not be used to relied upon, in connection and/or as part of the purchase, sale, underwriting, syndication of any securities, any lender or other reporting to the holders of any security, the issuing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analysis are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are reviewed because of samples that are delivered on weekends or other days on which it is without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times will be provided to the client if requested. All analyses with holding times of 72 hours or less, samples must arrive within 36 hours (to allow PCL to meet holding times without applying a rush surcharge. All short holding times (2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times are met. Short Holding Times of 48 hours or less (factoring in hours must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been included on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed as additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 01-Jul-18 16:16
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0334-01) Collected: 17-Jun-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AF81718	2	22-Jun-18 (SGS)	<2 mg/l	
pH	SM4500-H-B	AF81938	0.1	17-Jun-18 (SS)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AF81826	0.05	17-Jun-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AF81719	1.8	19-Jun-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AF81719	1.8	19-Jun-18 (PL)	2.0 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 7/1/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1850334

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: JUCID LEAL	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserv	Field Data (pH / Temperature) pH: Field Lab
EFF	06-17-18	08:30	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
	"	"	1	BOD	Grab	AQ	1L P	4°C	
	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

Signature	Print Name (Company)	Date	Time
Relinquished by	JUCID LEAL	6-17-18	
Received by	Jordan Corkery	6/17/18	1130
Relinquished by			
Received by			
Relinquished by			
Received in lab by		6/17/18	1610

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	HC - HCl
Comp	HS - H_2SO_4
Matrix	HN - HNO_3
AQ - Water	HP - H_3PO_4
SO - Soil / Sludge	OH - NaOH
OT - Other	ST - Sodium Thiosulfate
Bottle Type	AA - Ascorbic Acid
P - Plastic	AI - $AlCl_3$
G - Amber Glass	Cu - $CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat Chem Laboratories (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract, except upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), 14 Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request, and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or to the public domain or client has filed to pay PCL for 30 services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous material(s), 1. injury, disease or death of persons 2. Loss of, damage to, loss of, or loss of use of property and or 3. Financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence (if or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, Client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption). Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and fees pre or post-judgment interest), or any other expenses of costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and shall upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of invoices are NET CASH within thirty (30) days from date of invoice. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of the thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees, agencies fees associated with such collection process and/or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by clients authorized representative. Except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any indenture, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times will be met. Short Holding Times of 48 hours or less (such as 24 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been instated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 01-Jul-18 16:19
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0354-01) Collected: 18-Jun-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AF81932	2	24-Jun-18 (VL)	<2 mg/l	
pH	SM4500-H-B	AF81938	0.1	18-Jun-18 (SS)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AF81826	0.05	18-Jun-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AF81823	1.8	21-Jun-18 (EA)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AF81823	1.8	21-Jun-18 (EA)	1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 7/1/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1810354

Customer: IPC, Inc.		**Project:** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** Golan Kfir	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field (Lab)
EFF	6/18/18	11:25	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.5 24.9°C
	"	"	1	BOD	Grab	AQ	1L P	4°C	
	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD: Logcode: IPCI Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by GK	Golan IPC	6/18/18	
Received by C.Tatum	C.Tatum PCL	6/18/18	1110
Relinquished by			
Received by			
Relinquished by C.Tatum	C.Tatum PCL	6/18/18	1435
Received in lab by		6/18/18	1435

Sample Received Checklist

Temperature upon receipt: 4°C
# of bottles agrees with COC? (Yes) No
Samples intact? (Yes) No
Samples properly preserved? (Yes) No
Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____
Final Flow _____

Sample Type
(Grab)
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of Sale, including the price schedule and any amendments or addenda to such terms which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule, as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client have executed a separate agreement in writing which governs and supersedes the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes an acceptance by the Client of PCL's offer to do business with the Client under the terms and conditions and Client agrees to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the Client's assent to agree to be governed by these terms and conditions. No conflicting or additional terms and conditions expressed in a Client's document shall be deemed to become a part of the contract unless PCL does acceptance of the terms and conditions.

For purposes of this agreement, "Services" shall mean all work to be performed for the Client, including preparation of all documents and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are substantially conformity with the U.S. Environmental Protection Agency (EPA), the Interagency Board (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater, and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL standard operating procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amounts for said services. Client's acceptance of a work order and/or subsequent release PCL from any liability in excess of the invoiced amounts for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the collection which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is publicly available to the public or in the public domain or client has agreed to pay PCL for all services rendered in connection with the agreement), subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for inadvertent disclosure of said data where such standard was observed. PCL reports and information in graphical forms are for the exclusive use and benefit of Client and cannot against these shall be no third party beneficiaries of such reports. Data or information provided will not disclose to any third party any information considered technical information such as, software processes or lab or formulations.

10. Hold Harmless

Client to defend and hold harmless, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and costs and expenses including, but not limited to, attorneys fees, litigation costs and amounts paid or payable in favor of Client or any third party as a result of, arising in any way or arising incidental to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and PCL interpretations, omissions or opinions and Client's acceptance of such services, except to the extent that such liabilities, losses or damages are caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity will specifically apply to losses, claims, suits, actions, damages or every kind and character arising out of or in connection with the negligence or breach of contract by any indemnified person, whether active or passive, in the performance of services under this agreement. The foregoing indemnities will be in addition to any remedy which the Client might otherwise have in PCL and the same shall survive the expiration or termination of this agreement. Client shall not be responsible for any liability, damages, costs or expenses which are caused by a certain liability insurance coverage to be furnished by client, which coverage shall be to the maximum extent as permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profits or business interruption) regardless of whether such damages were foreseeable and whether PCL was advised of the possibility of such damages, and PCL's liability for any breach of this agreement, whether by negligence or otherwise, shall be limited to the amount paid by client to PCL for the services performed in connection with this agreement. All claims against PCL must be made within one (1) year after the cause of action accrues.

11. Hazardous Substances

For PCL to perform the tests as requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for asbestos material analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of consideration on the date the services were conducted or as the prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or other payment is considered required for all new clients or until a history of account and/or credit approval has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET DATE within thirty (30) days from date of invoice. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days shall be subject to interest at the level of the maximum rate permitted by law or one and one half percent (1.5%) per month (whichever amount is less). If payment is to be collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agency fees associated with collecting the unpaid balance or amount.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only if in writing and executed by an officer of PCL and Client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for Client's use of or reliance on data, information, or reports furnished by PCL. Client is ordering services hereunder for its own account, and not as agent or broker, or any other representative capacity for any other person or party. Client agrees and acknowledges that there are no third party beneficiaries to this agreement, and that no third parties may rely on such data, interpretations, reports, opinions, warranties and agrees that said data, information and reports are not to be relied upon or shall be used to relied upon in connection with or as part of the purchase, sale, underwriting, or distribution of any securities. Any conditions or other reporting to the holders of any notes, while securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or compliance with statutes or ordinances, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. For assurance of holding times of 14 days or less, samples must arrive within 24 hours to allow PCL ample holding times without applying a rush surcharge. All short holding times (i.e. 7 days, samples must arrive at the lab within 24 hours) must be examined to ensure that the holding times can be met. Short holding times (24 hours or less (hydrazine) is found most to be unstable that cannot easily be accepted for holding times or more. After hours, late deliveries, freight customs delays, or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Prearranged long term storage is subject to an additional charge. Charges will be discussed at the time of the order and subject to change time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been added to the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 02-Jul-18 17:45
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0406-01) Collected: 19-Jun-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AF82019	2	25-Jun-18 (SGS)	<2 mg/l	
pH	SM4500-H-B	AG80234	0.1	19-Jun-18 (SS)	7.2 pH Units	
Residual Chlorine	SM 4500 Cl-G	AF82027	0.05	20-Jun-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AF81940	1.8	22-Jun-18 (EA)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AF81940	1.8	22-Jun-18 (EA)	2.0 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 7/2/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18f0406

Customer: IPC, Inc.
Address: 9297 Research Drive
Irvine CA 92618

Project: (MCC) Daily EFF
Sampled by: Carlos Alvarez
Report Attention: Ric Vardel / Golan Kfir
P.O. #:
Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserv.	Field Data (pH / Temperature) pH: Field Lab
EFF	06/19/18	0930	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
"	"	"	1	BOD	Grab	AQ	1L P	4°C	
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	06/19/18	
Received by		David Lara PCL	6/19/18	1518
Relinquished by		David Lara PCL	6/19/18	1627
Received by				
Relinquished by				
Received in lab by		PCL	6-19-18	1700

Sample Received Checklist

Temperature upon receipt: 4
# of bottles agrees with COC? Yes No
Samples intact? Yes No
Samples properly preserved? Yes No
Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____
Final Flow _____

Sample Type	Preservations
Grab Comp	HC - HCl HS - H_2SO_4 HN - HNO_3 HP - H_3PO_4 OH - NaOH ST - Sodium Thiosulfate AA - Ascorbic Acid Al - $AlCl_3$ Cu - $CuSO_4$
Matrix AQ - Water SO - Soil / Sludge OT - Other	
Bottle Type P - Plastic G - Amber Glass VOA - 40 ml Vial Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), 40 WatersGard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL's standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client is filed to pay PCL for all services rendered or in connection in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of and data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of Client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not Limited to all court fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. Injury, disease or death of persons 2. Loss of, damage to, loss of, or less of use of property and or 3. Financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence in or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption. Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post-judgement interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of operations or the date the services were rendered or with prices quoted and rates confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required NET all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees, or agents' fees associated with such collection procedures or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective on in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used or relied upon, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 3-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 02-Jul-18 17:47
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0424-01) Collected: 20-Jun-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AF82108	2	26-Jun-18 (EA)	7 mg/l	
pH	SM4500-H-B	AG80234	0.1	20-Jun-18 (SS)	7.3 pH Units	
Residual Chlorine	SM 4500 Cl-G	AF82115	0.05	21-Jun-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AF82023	1.8	22-Jun-18 (EA)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AF82023	1.8	22-Jun-18 (EA)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 7/2/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18F0425

Customer: IPC, Inc.		**Project :** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** Golan Kfir	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserv.	Field Data (pH / Temperature) pH: Field Lab
EFF	6/20/18	13:00	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
	"	"	1	BOD	Grab	AQ	1L P	4°C	
	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

Signature	Print Name (Company)	Date	Time
Relinquished by GK	Golan IPC	6/20/18	
Received by [illegible]	David Lum PCL	6/20/18	1657
Relinquished by [illegible]	David Lum PCL	6/20/18	1615
Received by			
Relinquished by			
Received in lab by	IL	6/20/18	1700

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC?	Yes	No
Samples intact?	Yes	No
Samples properly preserved?	Yes	No
Samples in holding time?	Yes	No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Matrix	Bottle Type
Grab	AQ - Water	P - Plastic
Comp	SO -Soil / Sludge	G - Amber Glass
	OT - Other	VOA - 40 ml Vial
		Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of Sale, including the Price Schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, counselling or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (CLRP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample matrices provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses to protect its own confidential data and shall not be responsible for unauthorized disclosure of and data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials: 1. injury, disease or death of persons 2. Loss of, damage to, loss of, or loss of use of property and or 3. Financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other Indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post-judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis. Client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect on the date of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with a established credit accounts, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection proceedings or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by Client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereinder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants and agrees that said data, information and reports are not requested, or shall be used to relied upon in connection with or as part of the purchase, sale, underwriting, or distribution of any securities. Any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 02-Jul-18 17:50
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0450-01) Collected: 21-Jun-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AF82209	2	27-Jun-18 (EA)	9 mg/l	
pH	SM4500-H-B	AG80234	0.1	21-Jun-18 (SS)	7.6 pH Units	
Residual Chlorine	SM 4500 Cl-G	AF82115	0.05	21-Jun-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AF82111	1.8	23-Jun-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AF82111	1.8	23-Jun-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 7/2/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18F0450

Customer: IPC, Inc.		**Project:** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** Golan Kfir	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	6/21/18	11:30	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
	"	"	1	BOD	Grab	AQ	1L P	4°C	
	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by: GK	Golan IPC	6/21/18	
Received by:	Robert Keen (PCL)	6/21/18	1230
Relinquished by:			
Received by:			
Relinquished by:			
Received in lab by:	RK	6.21.18	1600

Sample Received Checklist

Temperature upon receipt: 4°

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu -$CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additional or amended terms to which we agree to be bound in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or replaced from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The client may place an order by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the Client's express assent to be governed by these terms and conditions. No oral or any or additional terms and conditions expressed in a client's document shall be deemed to be or to be a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of knowledge in the profession. Where applicable, PCL will use accepted methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (RWQCB), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) or the Examination of Water and Wastewater, and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the professional judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors or new client arising out of or connected with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order will further release PCL from any liability in excess of the invoiced amount for the services notwithstanding any provision to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform our services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Any and the sample materials provided to client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public domain or Client has waived by PCL for all services rendered as in effect as on date of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of confidential information despite such standard use otherwise. PCL's reports and information provided thereto are for the exclusive use and benefit of client and no other agents. There shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning confidential information, trade secrets or other proprietary rights.

10. Hold Harmless

Client to defend, and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and costs and expenses including, but not limited to, all court fees (the Litigation Expenses) and attorneys fees (including in favor of Client or any third party or a result of, or due to any assuming insurance in arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, illness, disease or death of persons, 2. loss of, damage to, misuse of, or use of property and/or 3. Property loss of environment or character. This indemnity provision applies to any of the foregoing losses, costs, damages or expenses suffered solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall also specifically apply to incident claims charges, actions or proceedings and Litigation arising out of or in connection with the negligence or misconduct by any consultant or subcontractor Person, whether actual or alleged, in the performance of services under this agreement. The foregoing responsibilities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified persons. To the extent necessary, under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage as so furnished by client, which may place limits on the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption, Litigation Expenses or other loss (including without limitation, attorney's fees, court costs, and the cost of appeal bonds) in any way associated or even connected by client or any other party in any litigation against or involving PCL or any indemnified person or claim either with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples/materials for analysis which is or asbestos, polychlorinated biphenyls, lead or any other hazardous or toxic chemical, material and substance which are defined, determined or classified as such under federal, state or local laws, rules, PCL expressly stipulates (another now according to be, either analyzed or contemplated or any material or specification determined as of any time of the Client/PCL Relationship). Client understands and agrees that any hazardous materials provided to PCL from client or at client's request, shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's standard policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for analytical or chemical analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of execution of the date the services were rendered or such prices may be and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or invoice shall be completed is required for all new clients or those a history of delinquent or late credit accounts have been established with PCL. For check clients with an established credit account, the terms for full payment of charges are NET CASH within thirty (30) days from date of invoices. In the fullest extent permitted of or all to be applicable law, any amounts received in the end of the thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are submitted through legal proceedings or are in arrears, the client shall pay reasonable costs and attorneys fees agents fees associated with such collection actions or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by the authorized representative. Except PCL's subsequent efforts for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client's testing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. Client agrees and acknowledges that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants and agrees that said data, information and reports are not transmitted, or shall have no right to rely upon, in connection with or as part of any purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or communicating with any public or private agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All other holding times 5-7 days, samples must arrive at the lab within 24 to 48 hours before expiration to make sure the holding times are met. Short Holding Times of 72 hours or less therefore, if future, must be delivered that same day to allow us to guarantee holding times are met. After hours late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of our fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Extended long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been entered on the fee schedule. Reasonable time has been allocated for a pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 01-Jul-18 15:46
Subject: (MCC) Weekly EFF

Project/P.O.#: (MCC) Weekly EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0446-01) Collected: 21-Jun-18 By IPC						
Ammonia as N	EPA 350.1	AF82208	0.10	22-Jun-18 (SGS)	<0.10 mg/l	
Nitrate as N	EPA 353.2	AF82213	0.20	22-Jun-18 (LA)	2.24 mg/l	
Nitrite as N	EPA 353.2	AF82213	0.02	22-Jun-18 (LA)	<0.02 mg/l	
Total Kjeldahl Nitrogen	EPA 351.2	AF82543	0.10	26-Jun-18 (LA)	1.23 mg/l	
Total Suspended Solids	SM 2540D	AF82210	1	22-Jun-18 (EA)	2 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 7/1/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18F0446

Customer: IPC, Inc.		Project : (MCC) Weekly EFF	
Address: 9297 Research Drive		Sampled by: Golan Kfir	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserv	Field Data (pH / Temperature) pH: Field Lab
EFF	6/21/18	11:30	1	TSS	Grab	AQ	1L P	4°C	
	"	"	1	NH4, TKN	Grab	AQ	500 P	HS	
	"	"	1	NO2, NO3	Grab	AQ	500 P	4°C	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

Signature	Print Name (Company)	Date	Time
Relinquished by: GK	Golan IPC	6/21/18	
Received by: X	Robert Lucero (PCL)	6/21/18	1230
Relinquished by:			
Received by:			
Relinquished by:			
Received in lab by:	PCL	6-21-18	1600

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No
Samples intact? Yes No
Samples properly preserved? Yes No
Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu -$CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who or by request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such documents may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or invitation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the samples (materials) provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client was hired to pay PCL for all services rendered up to (immediate in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials: 1. illness, injuries or death of persons 2. loss of, damage to, injury to, or loss or use of property and or 3. financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence or breach of contract by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other Indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption. Litigation Expenses or other fees including, without limitation, attorney's fees, court costs, and (as are all post-judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client or the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or described as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in Accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment is due on or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with a established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees in addition fees associated with such collection proceedings or attorney.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by a duly authorized representative, except in subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush cannot and time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times may be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria 48 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for long periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 01-Jul-18 15:27
Subject: (MCC) Weekly INF

Project/P.O.#: (MCC) Weekly INF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
INF (Sample I.D.# : 18F0447-01) Collected: 21-Jun-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AF82209	2	27-Jun-18 (EA)	37 mg/l	
Total Suspended Solids	SM 2540D	AF82210	1	22-Jun-18 (EA)	574 mg/l	

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 7/1/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18F0447

Customer: IPC, Inc.		Project: (MCC) Weekly INF	
Address: 9297 Research Drive		Sampled by: Golan Kfir	P.O. #:
Irvine	CA 92618	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
INF	6/21/18	11:45	1	TSS	Grab	AQ	1L P	4°C	
	"	"	1	BOD	Grab	AQ	1L P	4°C	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by: GK	Golan IPC	6/21/18	
Received by: X	Robert (Ceeh/PCL)	6/21/18	1230
Relinquished by:			
Received by:			
Relinquished by:			
Received in lab by:	PCL	6-21-18	1600

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any addenda or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written Chain of Custody (COC) to PCL. Any subsequent correspondence by the client of PCL's effort to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or by alternative consulting services constitutes the client's express assent to be governed by these terms and conditions. No oral or additional terms and conditions expressed in a client's document shall be accepted to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "Services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of care/diligence in the profession where applicable. PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (TLAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgment of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform its obligations pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample material provided hereunder or at client's request, and the results obtained by PCL shall be held in confidence unless such information is generally available to the public or in the public domain or client has and to pay PCL for all services rendered up to effective as of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses to protect its own confidential data and shall not be responsible for unauthorized disclosure of confidential information while observing PCL reports and information, penalties may include the forfeiture of any and all of client and PCL agree there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software, programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, subcontractors, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to, all court fees, fine, litigation, investigation and expert's charge in favor of Client or any third party as a result of, and/or in any way occurring incidental to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. illness, disease or death of persons 2. loss of, damage to, loss of, or loss of use of property and 3. financial loss of every kind or character. The foregoing does not apply to any of the foregoing losses, costs, damages, etc. arising solely from the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to claims, claims damages, actions or causes and punitive, treble, or consequential damages, including without limitation, loss of profits, business interruption, attorneys fees, court costs and any and all other expenses incurred by client or any other party in any litigation, appeal or involving PCL or any information or person in connection with this agreement or any services provided under this agreement even if client or the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples essentials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic materials, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as approved by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations or where the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when services completed required for all new clients or until a history of accounts with PCL account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoice. In the event reasonable attorney's fees and all applicable law, any amounts in past due and of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable court and attorney's fees, agents' fees associated with such collection, collection or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective and enforceable and executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be placed orally or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client is receiving services hereunder for his own account, and not as agent or trustee of or any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party has any rights to such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall not be relied upon, in connection with or as part of any purchase, sale, underwriting or participation in any security, any permit or other regulatory or financial matters of any kind or the securing, consummation, renewal or extension of any loan from any financial institution or other lender or the participation in or participating with investors, underwriters, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any subsequent reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered to us, or samples not received without prior notification and acceptance. Standard holding times and storage conditions should be followed in order to analyze samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All client holding times, 7-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times are not missed. Short Holding Times of 48 hours or less (Nitrate, Nitrite, Orthophosphate, Dissolved Oxygen, pH, Sulfite, Residual Chlorine, Total Chlorine, Hexavalent Chromium, Sulfide, Dissolved Sulfide) must be delivered that same day in order to avoiding holding times and wait. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of the fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been included on the fee schedule. Reasonable fees has been allocated for a pick up or service. Unnecessary delays during the pick up or sampling might be accessed an additional fee.

PAT-CHEM
LABORATORIES
QUALITY ANALYTICAL SERVICES SINCE 1987
1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

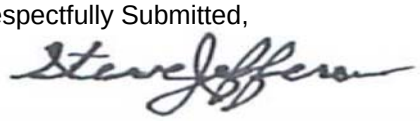
Attention: Ric Vardel
Report Date: 10-Jul-18 10:01
Subject: (MCC) Weekly INF

Project/P.O.#: (MCC) Weekly INF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
INF (Sample I.D.# : 18F0447-01) Collected: 21-Jun-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AF82209	2	27-Jun-18 (EA)	537 mg/l	
Total Suspended Solids	SM 2540D	AF82210	1	22-Jun-18 (EA)	574 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 7/10/2018
Laboratory Director

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 02-Jul-18 17:52
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0483-01) Collected: 22-Jun-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AF82427	2	29-Jun-18 (SGS)	<2 mg/l	
pH	SM4500-H-B	AG80234	0.1	22-Jun-18 (SS)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AF82219	0.05	22-Jun-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AF82205	1.8	25-Jun-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AF82205	1.8	25-Jun-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 7/2/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18P0483

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine	CA 92618	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field (Lab)
EFF	06/22/18	1110	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.47
			1	BOD	Grab	AQ	1L P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	Carlos Alvarez (IPC)	06/22/18	
Received by	David Lum PCL	6/22/18	1531
Relinquished by	David Lum PCL	6/22/18	1621
Received by			
Relinquished by			
Received in lab by		6/22/18	1621

Sample Received Checklist

Temperature upon receipt: 4 °C

# of bottles agrees with COC?	Yes	No
Samples intact?	Yes	No
Samples properly preserved?	Yes	No
Samples in holding time?	Yes	No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	**HC** - HCl
Comp	**HS** - H_2SO_4
Matrix	**HN** - HNO_3
AQ - Water	**HP** - H_3PO_4
SO -Soil / Sludge	**OH** - NaOH
OT - Other	**ST** - Sodium Thiosulfate
Bottle Type	**AA** - Ascorbic Acid
P - Plastic	**Al** - $AlCl_3$
G - Amber Glass	**Cu** -$CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of Sale, including the price schedule, and any additions or amendments hereto as set out or incorporated in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services, and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does refer to or include the Terms. Any modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including any and all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession where applicable. PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), U.S. Waterboard (FLDP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater, and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided hereon, shall not exceed the invoiced amount for said services. Client's exception of a write order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services issued/standing. Any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel perform the sampling, the client shall be responsible for the situation where the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Client and the sample matrices provided by client or on client's request and the results generated by PCL shall be held in confidence (unless such information is generally available to the public or in the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided hereto are for the exclusive use and benefit of client and client agrees that shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, trade programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and current harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to attorneys fees (the obligation, payment and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or interpretation, printing or disposal of client's hazardous materials, 1. illness, disease or death of persons 2. loss of, damage to, theft of, or loss of use of property and or 3. financial loss of every kind or character. This indemnity does not apply to any of the foregoing arising from, caused by, or resulting solely from the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to claims, charges, actions or causes of action and character arising out of or in connection with the negligence of or unlawful conduct by any individual or person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might have with respect to PCL and the other indemnified persons. To the fullest extent permitted by applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profits or business interruption or litigation. Expenses or other fees including, without limitation, attorney's fees, court costs and/or pre-judgment interest, or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified persons in connection with this agreement or an invoice provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or described as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any material administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or its PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any of its analysis, client will be charged a sample disposal fee per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operation on the date the services were rendered or such other rates and terms as specified in writing. The price schedule is subject to change at any time without notice. Payment in advance or when service is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by law, all accounts not paid in full within thirty (30) days of the invoice date shall be subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable court and attorney's fees in addition to any associated late and collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the Terms shall be effective only if in writing and executed by an officer of PCL and by client's authorized representative, except that written requests for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is providing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to solicit upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any interest, the securing, assumption, renewal, or extension of any loan from any financial institution or other lender or the certification to or concurrence with directors, or any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after business hours without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 3-7 days, samples must arrive at the lab within 24 hours. Please let us know in advance that the holding times can be met. Short Holding Times of 48 hours or less that samples must be delivered that same day in order to guarantee holding times are met. After hours, late deliveries, freight company delays or similar issues are subject to additional fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for 45 days after the date of final analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 02-Jul-18 17:54
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0494-01) Collected: 23-Jun-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AF82427	2	29-Jun-18 (SGS)	<2 mg/l	
pH	SM4500-H-B	AG80234	0.1	23-Jun-18 (SS)	7.2 pH Units	
Residual Chlorine	SM 4500 Cl-G	AF82544	0.05	24-Jun-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AF82318	1.8	26-Jun-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AF82318	1.8	26-Jun-18 (PL)	2.0 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 7/2/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18F0494

Customer: IPC, Inc.

Address: 9297 Research Drive
Irvine CA 92618

Project : (MCC) Daily EFF

Sampled by: Carlos Alvarez

Report Attention: Ric Vardel / Golan Kfir

P.O. #:

Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserv.	Field Data (pH / Temperature) pH: Field Lab
EFF	06/23/18	1130	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
	↓	↓	1	BOD	Grab	AQ	1L P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (SPC)	06/23/18	1200
Received by				
Relinquished by	Jose L Gomez	Jose L Gomez	6-23-18	1200
Received by				
Relinquished by				
Received in lab by	Alex Walker	Alex Walker Jr	6-23-18	1335

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

2. Independent Contractor

3. Orders and Acceptance

4. Limit of Liability

5. Clients Responsibility

6. Cancellation

7. Overriding Agreement

8. Force Majeure

9. Confidentiality

10. Hold Harmless

11. Hazardous Substances

12. Prices/Payments

13. Agreement Modification

14. No Third Party Beneficiaries: No Right of Reliance

15. Rush Analysis

16. Holding Times

17. Sample Retention

18. Sample Pick Up/Field Tech Sampling

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 02-Jul-18 17:57
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0497-01) Collected: 24-Jun-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AF82639	2	01-Jul-18 (VL)	<2 mg/l	
pH	SM4500-H-B	AG80234	0.1	24-Jun-18 (SS)	7.3 pH Units	
Residual Chlorine	SM 4500 Cl-G	AF82544	0.05	24-Jun-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AF82428	1.8	27-Jun-18 (PL)	2.0 MPN/100 ml	
Total Coliforms	SM 9221B	AF82428	1.8	27-Jun-18 (PL)	2.0 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 7/2/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18f0497

Customer: IPC, Inc.		Project : (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: JULIO LEAL	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	06-24-15	0920	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
	/		1	BOD	Grab	AQ	1L P	4°C	
	/		1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

Signature	Print Name (Company)	Date	Time
Relinquished by	JULIO LEAL	6-24-15	11:20
Received by	Jordan Corkery	6/24/15	1120
Relinquished by			
Received by			
Relinquished by			
Received in lab by	Jordan Corkery	6/24/15	11:20

Sample Received Checklist

Temperature upon receipt: _____

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu -$CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of Sale, including the price schedule, quotation, addendum or amendment thereto and attached to or referring "Client" means the individual or entity who or that requests laboratory testing, consulting or sampling services and/or to its firms, successors, affiliates and representatives. "Price Schedule" means PCL's Client Logistics manual PCL's standard price schedule as such document may be amended or replaced from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL accepts and will accept orders for services (or portions thereof) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which expressly is inconsistent with the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may order services by submitting a written (mail or fax) or verbal order to PCL. Any such order constitutes 1. an acceptance by the Client of PCL's offer to do business with the Client under the terms and conditions and 2. an agreement to be bound by these Terms and Conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the Client's express assent to be governed by these terms and conditions. No preprinted or additional terms and conditions appearing on a client's document shall be deemed to become a part of this contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "Services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waters Used (FLAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and the PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services outstanding and any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and/or samples submitted by or for the owner or client's account and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or in the public domain or client has filed a copy w/ PCL for all services commencing in otherwise in breach of the agreement). Subject to any duties now required by law or legal process, PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such disclosure was otherwise. PCL reports and information are solely for the exclusive use and benefit of client and client against them shall not be used by any third party in any reports, data or information. Client and each person or any third party any information, something, technical information, software programs or other form or nature.

10. Hold Harmless

Client releases and shall hold, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and reasonable expenses including, but not limited to, court costs, attorney's fees and amounts awarded arising in favor of Client or any third party as a result of, and/or in any way relating, incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, i.e. injury, illness or death of persons, i.e. loss of, damage to, use of, or loss of use of property, and 2. financial loss of every kind and character. This indemnity agreement applies to any of the foregoing losses, claims, damages or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, amounts of every kind and character arising out of or in connection with the negligence, intentional fault or any and unidentified Person, whether active or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent not prohibited under applicable law, Client agrees that its indemnity obligations will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the minimum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption (litigation expenses or other fees including, without limitation, attorney's fees, court costs, and (or) are to post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation, against or involving PCL or any indemnified person in connection with this agreement or any services provided under this agreement against client or the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide, and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, waste and substances which are defined, determined or described as such under federal, state or local laws. PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any official or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or to PCL's QA/QC protocols. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for analysis (primary samples), client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of submission on the date the services were rendered, unless prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or at completion is compulsory if required for all new clients or until a history of payment and/or credit worthiness has been established with PCL. For those clients with an established credit account, the terms for payment of invoices are NET Cash within thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not to suggest, or shall be used to refund upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities. Any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or consulting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 96 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

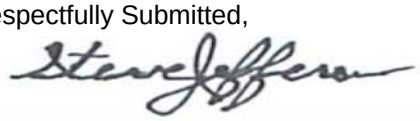
Attention: Ric Vardel
Report Date: 02-Jul-18 17:59
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0511-01) Collected: 25-Jun-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AF82639	2	01-Jul-18 (VL)	<2 mg/l	
pH	SM4500-H-B	AG80234	0.1	25-Jun-18 (SS)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AF82642	0.05	26-Jun-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AF82545	1.8	27-Jun-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AF82545	1.8	27-Jun-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 7/2/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18F0511

Customer: IPC, Inc.		**Project:** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** Golan Kfir	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field (Lab)
EFF	6/25/18	11:45	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.53/12.3°C
	"	"	1	BOD	Grab	AQ	1L P	4°C	
	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by: GK	Golan IPC	6/25/18	1205
Received by:	MARJO SANTIESTEBAN (PCL)	6/25/18	1205
Relinquished by:	MARJO SANTIESTEBAN (PCL)	6/25/18	1345
Received by:			
Relinquished by:			
Received in lab by:		6/25/18	1345

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" herein refer to these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who has requested laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which document incorporates the Terms. No modifications to the Terms shall be valid and binding unless in writing and agreed to by an authorized representative of the Client and PCL.

The Client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the Client of PCL's offer to do business with the Client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL, or initiation of consulting services constitutes the Client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions enumerated in a Client's document shall be deemed to modify a part of the contract based upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession where applicable. PCL will use analytical methodologies which are in accordance/or conform/to/with the U.S. Environmental Protection Agency (EPA), CA Water Board (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provision to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the circumstances which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the samples or test specimens analyzed at or at Client's request and the reports prepared by PCL shall be held in confidence unless such information is generally available to the public or is the public domain or Client has time to pay PCL for all services rendered with reference to or based on the agreement subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such data where such standard was observed. PCL reports and information generated hereunder are the exclusive use and benefit of Client and Client agrees there shall be no third party beneficiaries of such reports. Client's information, Client services provided by any other person requiring technical interpretation, software, processes or other technology.

10. Hold Harmless

Client agrees and shall save, indemnify, defend and hold PCL, its employees, officers, consultants, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and expenses (including, but not limited to, all court fees, litigation, investigation, reasonable attorneys' fees) of whatever kind or nature, arising out of, in connection with or resulting from the performance of services by PCL pursuant to this agreement and/or any proposal, handling or disposal of Client's samples hereunder. In no event shall PCL be liable for any consequential, incidental, indirect, punitive or special damages of any kind or nature whatsoever, including, without limitation, lost profits, loss of use, loss of data or information of any kind, arising out of or in connection with this agreement, whether or not PCL has been advised of the possibility of such damages, and on any theory of liability, arising out of or in connection with the performance of services hereunder or any proposal. The foregoing shall constitute a waiver of any and all claims which the undersigned Client may have against PCL and the other indemnified persons. To the extent necessary under applicable law, Client agrees that its indemnity obligations will be supported by insurance. Client shall name PCL as an additional insured, shall waive subrogation against PCL with respect to any insurance coverage maintained under applicable law. In no event shall PCL be liable to Client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption (all Direct Expenses to cover fees (including, without limitation, attorney's fees, court costs, and all other out-of-pocket expenses), or any other expenses or costs incurred by Client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or services provided under this agreement except those of the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, Client will provide and PCL will receive samples materials for analysis such as asbestos, asbestos-related hydrocarbons, bacteria or any other substances or PCB material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any amended or administrative interpretation of any thereof) the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL in connection or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify or otherwise request disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for asbestos analysis (Client will be charged a sample disposal fee per sample submitted) in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client may pay PCL in accordance with PCL's applicable price schedule in effect at the time of completion of the date the services were provided or such prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance of work analysis is required (1) required (2) all new clients or until a history of payment on the credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET (Client will pay within thirty (30) days from date of invoice. In the event Client is entitled to or will be entitled to take any discount (equal to or less than one and one-half percent (1.5%) per month) on any invoice and Client fails to timely remit payment as required by such discount, or by an attorney, the client shall pay reasonable costs and attorney's fees or expenses incurred in connection with collection, regardless of effort.

13. Agreement Modification

Changes, modifications or amendments to the Terms shall be effective only if in writing and executed by an officer of PCL and by clients authorized representative. Except for subsequent orders for additional services in any be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility for Client's use of or reliance on data, information, or reports furnished to PCL. Client is retaining services for its own benefit, own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on data, information or reports. Except as expressly, warrants and agrees that such data, information and reports are not copyrighted, or shall be used by, republication, in connection with or as part of the purchase, sale, endorsement, or distribution of any securities, any person or other reporting to the buyers of any security. No opinion, advice, report, review or extension of any kind from and financial institution or other lender or PCL certificate is in connection with directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analysis are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded for samples that are delivered on weekends or other non-workdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 15 hours or less (unless must arrive within 36 hours) to allow PCL to accept holding times without applying a rush surcharge. All tests having times of 2-7 days, samples must arrive at the lab within 24 hours before application to ensure that the holding times can be met. Short Holding Times of 48 hours or less (tests) is hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of the fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been outlined on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

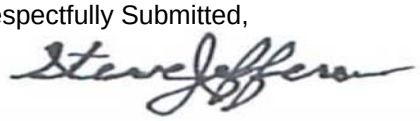
Attention: Ric Vardel
Report Date: 02-Jul-18 18:01
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0546-01) Collected: 26-Jun-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AF82732	2	02-Jul-18 (SGS)	<2 mg/l	
pH	SM4500-H-B	AG80234	0.1	26-Jun-18 (SS)	7.3 pH Units	
Residual Chlorine	SM 4500 Cl-G	AF82744	0.05	27-Jun-18 (SGS)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AF82644	1.8	28-Jun-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AF82644	1.8	28-Jun-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 7/2/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18P0546

Customer: IPC, Inc.		**Project:** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** Golan Kfir	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Varde! / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field (Lab)
EFF	6/26/18	11:40	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.3
	"	"	1	BOD	Grab	AQ	1L P	4°C	
	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	Golan, IPC	6/26/18	
Received by	C. Tatum	6/26/18	1300
Relinquished by	C. Tatum	6/26/18	1500
Received by			
Relinquished by			
Received in lab by		6/26/18	

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC? (Yes) No

Samples intact? (Yes) No

Samples properly preserved? (Yes) No

Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
(Grab) Comp	HC - HCl
Matrix	HS - H_2SO_4
(AQ) - Water	HN - HNO_3
SO - Soil / Sludge	HP - H_3PO_4
OT - Other	OH - NaOH
Bottle Type	ST - Sodium Thiosulfate
(P) - Plastic	AA - Ascorbic Acid
(G) - Amber Glass	AI - $AlCl_3$
VOA - 40 ml Vial	Cu - $CuSO_4$
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and conditions of sale, including the price schedule, as well as addenda or amendments to the same, as agreed to in writing. "Client" means the individual or entity which has placed quotation requests, purchased or requested services, and has or receives samples, analyses, reports, and representations. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule or such document may be provided or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) exclusively on the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the client have otherwise executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order, submission, or acceptance by the client or PCL's offer to do business with the client under the terms and conditions and / or agreement shall be bound by these Terms and conditions. The client's delivery of samples to PCL or acceptance of requested services constitutes the client's assent to be governed by these terms and conditions. No order or conditional terms and conditions expressed in a client's document shall be deemed to be more a part of this contract based upon acceptance of the terms and conditions.

For purposes of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be provided by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standard of care prevailing in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (CLIAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater, and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in terms connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or a report relieves PCL from any liability in excess of the invoiced amount for the service(s) rendered, any discounts to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel perform the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder, subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and countersigned by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client is ordered by PCL for all services rendered to it hereunder or by virtue of this agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data when such standard is observed. PCL reports and information provided hereunder are for the exclusive use and benefit of client and client agrees that there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning methods, data, results and procedures or other information.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, costs and expenses (including reasonable attorneys' fees) relating to all civil claims, Litigation, Lawsuits and awards arising in favor of Client or any third party as a result of, relating to any way occurring, incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement, and / or information, handling or disposal of client's hazardous chemicals, 1. Injury, illness or death of persons; 2. Loss of, damage to, loss of use of, or use of property; and / or 3. Environmental or every kind of character. This indemnity does not apply to any of the foregoing which arises solely and directly as a result of the negligence or willful misconduct of PCL or its employees. Further, this indemnity shall not apply to any claims, damages, actions or every kind and character arising out of or in connection with the negligence or misconduct of any third party not employed by PCL, who in any way participated in the performance of services pursuant to this agreement. The foregoing indemnities will be in addition to and separately from the insurance coverage PCL and the other Indemnified Parties have in effect or are required to have in connection with the services. To the extent permitted under applicable law, in no event shall PCL be liable to client for indirect, exemplary, special, incidental or consequential damages (including, without limitation, loss of profits or business interruption) of any kind. Expenses of litigation (including, without limitation, attorney's fees, court costs, and client's own cost) judgments, awards, or any other expenses incurred by client or any other party in any litigation against or involving PCL or any Indemnified Party in connection with this agreement or as otherwise permitted under this agreement, even if client, the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive complete information for analyses (such as odor data, polychlorinated biphenyls, bacteria or any other biological or toxic materials, wastes and substances which are defined, determined or described as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from or on client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policy. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples or testimonial fees. PCL's current sample disposal policy. In addition, all samples received by PCL for analytical analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of commission or the case the services were rendered in such price quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. A commission, quantity or other quotation is considered accepted for all new clients or upon a history of payment and/or credit account has been established with PCL. For charge client with an established credit account, payment for payment of charges are NET CASH within thirty (30) days from date of invoice. To the fullest extent permitted by law and applicable law, any amounts unpaid at the end of thirty (30) days shall accrue interest at the rate of one and one half percent (1.5%) per month on the unpaid balance. If collection efforts are commenced through lawful proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents, and associated with such collection procedures or efforts.

13. Agreement Modification

Changes, modifications or amendments to the Terms shall be effective only if in writing and executed by an officer of PCL and by client's authorized representative. Without prior notice, no verbal or additional written agreement shall be binding.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is solely responsible for its own decisions, and no use of or reliance on PCL's data, information, or reports by any other representatives, agents, or employees of client is authorized by PCL. Client acknowledges that any and all third party beneficiaries to this agreement, and that no third party may rely on PCL data, information or reports. Client represents, warrants, and agrees that said data, information, and reports are not intended, or shall be used or relied upon, in connection with or as part of the purchase, sale, underwriting, or syndication of any securities, any portion or other reporting to the holders of any notes or the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or consulting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analysis are available for an additional charge and must be arranged or approved. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 5pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. For analyses with holding times of 14 days or less, samples must arrive within 48 hours or else PCL cannot hold to holding times without accepting a rush surcharge. For most holding times of 7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (Nitrate) is a subject must be delivered that same day in order to guarantee holding times are met. After hours, late deliveries, traffic, company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been quoted on the fee schedule. Appropriate time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 12-Jul-18 18:56
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0562-01) Collected: 27-Jun-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AF82806	2	03-Jul-18 (EA)	2 mg/l	
pH	SM4500-H-B	AG80234	0.1	27-Jun-18 (SS)	7.6 pH Units	
Residual Chlorine	SM 4500 Cl-G	AF82813	0.05	28-Jun-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AF82738	1.8	29-Jun-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AF82738	1.8	29-Jun-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 7/12/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18T0562

Customer: IPC, Inc.
Address: 9297 Research Drive
Irvine CA 92618

Project: (MCC) Daily EFF
Sampled by: Carlos Alvarez
Report Attention: Ric Vardel / Golan Kfir
P.O. #:
Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserv.	Field Data (pH / Temperature) pH: Field Lab
EFF	06/27/18	1130	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.6
"	"	"	1	BOD	Grab	AQ	1L P	4°C	
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	06/27/18	
Received by		C. Tatum	6/27/18	1230
Relinquished by		C. Tatum	6/27/18	1500
Received by				
Relinquished by				
Received in lab by			6/29/18	1540

Sample Received Checklist

Temperature upon receipt: 4°C
# of bottles agrees with COC? Yes No
Samples intact? Yes No
Samples properly preserved? Yes No
Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____
Final Flow _____

Sample Type	Matrix	Bottle Type
Grab	AQ - Water	P - Plastic
Comp	SO - Soil / Sludge	G - Amber Glass
	OT - Other	VOA - 40 ml Vial
		Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additional or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the Client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC guidelines. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the Certificate of Analysis prepared by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees, the litigation if any and any awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. Injury, disease or death of persons 2. Loss of, damage to, loss of, or loss of use of property and or 3. Financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages, or liabilities caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence of or breach or conduct by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other Indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruptions, Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post-judgement interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or as are always provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under Federal, State or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all Bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in Accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operation on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients for until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective on in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 01-Jul-18 15:48
Subject: (MCC) Weekly EFF

Project/P.O.#: (MCC) Weekly EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0563-01) Collected: 27-Jun-18 By IPC						
Ammonia as N	EPA 350.1	AF82804	0.10	28-Jun-18 (SGS)	<0.10 mg/l	
Nitrate as N	EPA 353.2	AF82816	0.02	28-Jun-18 (LA)	0.75 mg/l	
Nitrite as N	EPA 353.2	AF82816	0.02	28-Jun-18 (LA)	<0.02 mg/l	
Total Kjeldahl Nitrogen	EPA 351.2	AF82815	0.10	29-Jun-18 (LA)	0.90 mg/l	
Total Suspended Solids	SM 2540D	AF82805	1	28-Jun-18 (SGS)	<1 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 7/1/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18F0563

Customer: IPC, Inc.		Project : (MCC) Weekly EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	06/27/18	1130	1	TSS	Grab	AQ	1L P	4°C	
"	"	"	1	NH4, TKN	Grab	AQ	500 P	HS	
"	"	"	1	NO2, NO3	Grab	AQ	500 P	4°C	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by :		Carlos Alvarez (IPC)	06/27/18	
Received by		C. Tatum	6/27/18	1230
Relinquished by		C. Tatum	6/27/18	1500
Received by				
Relinquished by				
Received in lab by			6/28/18	1500

Sample Received Checklist

Temperature upon receipt: 4c

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	HC - HCl
Comp	HS - H_2SO_4
Matrix	HN - HNO_3
AQ - Water	HP - H_3PO_4
SO - Soil / Sludge	OH - NaOH
OT - Other	ST - Sodium Thiosulfate
Bottle Type	AA - Ascorbic Acid
P - Plastic	Al - $AlCl_3$
G - Amber Glass	Cu - $CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of Sale, including the cover sheet(s), any addendum or amendment executed by the parties in writing. "Client" means the individual or entity who has ordered laboratory services, consulting or reporting services and his or its heirs, successors, assigns, and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule, as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services as defined herein only under the following Terms and Conditions (the "Terms"). These Terms shall not supersede PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may order services by submitting a written chain of custody (COC) to PCL. Any such orders constitutes 1. an acceptance by the Client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's documents shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "Services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder, subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the results obtained by PCL in the course of Client's request and the reports approved by PCL shall be held in confidence (unless such information is publicly available or is or subsequently in the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereunder are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other instructions.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to attorneys fees (the "Indemnified Expenses") and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, illness or death of persons, 2. loss of, damage to, loss of, or loss of use of property, and/or 3. financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence (or breach of contract) by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other Indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profits or business interruption) Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and pre and post-judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement, even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of acceptance of the order the services were rendered or with prices stated and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or client analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by at will by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or twenty five calculated with such collection procedure or otherwise.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective on in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client in securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity, it is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client covenants, warrants, and agrees that said data, information and reports are not requested, or shall be used to refuse upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been restated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

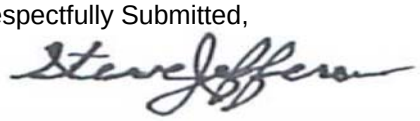
Attention: Ric Vardel
Report Date: 12-Jul-18 19:26
Subject: (MCC) Weekly INF

Project/P.O.#: (MCC) Weekly INF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
INF (Sample I.D.# : 18F0565-01) Collected: 27-Jun-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AF82806	2	03-Jul-18 (EA)	432 mg/l	
Total Suspended Solids	SM 2540D	AF82805	1	28-Jun-18 (SGS)	145 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 7/12/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1870565

Customer: IPC, Inc.		Project: (MCC) Weekly INF	
Address: 9297 Research Drive		Sampled by: Carlos Aguirre	P.O. #:
Irvine	CA 92618	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
INF	06/27/18	1205	1	TSS	Grab	AQ	1L P	4°C	
"	"	"	1	BOD	Grab	AQ	1L P	4°C	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Aguirre (IPC)	06/27/18	
Received by		C. Tatum	6/27/18	1230
Relinquished by		C. Tatum	6/27/18	1500
Received by				
Relinquished by				
Received in lab by			6/28/18	8:20

Sample Received Checklist

Temperature upon receipt: 4c

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including any price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity that may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) then-current price schedule as such document may be amended or released from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (or portions hereof) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms must be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the Terms and conditions and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services shall indicate the Client's express assent to be governed by these terms and conditions. Any contrary or additional terms and conditions expressed in a Client's document shall be deemed to become a part of the contract (materially) in exchange of the Terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession where applicable, PCL will use technical methodologies which are in substance, consistently with the U.S. Environmental Protection Agency (EPA), U.S Waterboard (USDP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the examination of Water and Wastewater, and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or data/data based on the reasonable judgement of PCL's chemists. If any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for providing to and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out of pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether stated in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample matrix (and identifying marks) of client's received and the results determined by PCL shall be held in confidence unless such information is generally available to the public or in the public domain or agreed to be used by PCL for all services rendered or in connection. Breach of the agreement subject to any remedies available to the injured party. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of materials where authorization was observed. PCL reserves and maintains proprietary claims and for the purposes and benefits of Client and client agrees there shall be no third party beneficiaries of such reports. Client also agrees Client will not disclose to any third party any information concerning PCL's information, software, systems or other trade secrets.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages (including reasonable attorneys' fees and costs), claims, causes of action, suits and other legal expenses incurred, suffered or awarded arising in favor of Client or any third party as a result of, and/or in any way directly involved in, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or from any actual or alleged breach or default of Client's hereunder (collectively, "Claims"), including, but not limited to, Claims relating to or arising out of any personal injury, death or property damage, and/or any and all claims of trespass and/or violation of any kind of statute. This indemnity does not apply to any of the foregoing losses, costs, damages, and other Claims solely to the gross negligence and/or misconduct of PCL or its employees. To the fullest extent permitted by law, Client shall indemnify, defend and hold harmless PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent from and against any and all Claims arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or from any actual or alleged breach or default of Client's hereunder by the Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to and not subject to which the indemnified Persons may have PCL and the other Indemnified Persons. To the fullest extent permitted applicable law, client agrees that as indemnity obligation will be satisfied by available liability insurance coverage or be furnished by client, an amount equal to the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) Litigation expenses or other fees (including, without limitation, attorney's fees, court costs, and all amounts paid judgment interest) or any other expenses to client incurred by client or any other party in any litigation against or involving PCL or any of its officers or personnel in connection with this agreement or as expressly prohibited under this agreement even if client or the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples submitted for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic materials, wastes and substances which are defined, determined or designated as such under federal, state or local laws. PCL policies or regulations (and/or new wording of legislation enacted or promulgated or any judicial or administrative interpretation of any thereof) the "Hazardous Materials". Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and shall upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples retained by PCL for invoice period equals shall have an charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client must pay PCL in accordance with PCL's applicable price schedule in effect at the time of acceptance of the date the services were rendered or such prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or all prepayment is required for all new clients or and a history of payment satisfactory to PCL has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by law, a late charge applicable rate, any amount unpaid at the end of thirty (30) days shall accrue interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through court proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees in addition to any amounts owed with collection proceedings or efforts.

13. Agreement Modification

Changes, modifications or amendments to the Terms shall be effective only if in writing and executed by an officer of PCL and the Client's authorized representative. Contractual quotations orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries. No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client's consulting services hereunder for its own account, and PCL as agent or broker, or in any other representative capacity for another or persons or entity. It is agreed and acknowledged that there are no third party beneficiaries to the agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information, and reports are not requested or shall be used to relied upon in connection with or as part of, the purchase, sale, underwriting, or administration of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the participation by or participation with governmental agencies, any governmental agencies or departments.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and arrangement. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 72 hours or less, samples must arrive within 36 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, ≤ 7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less that client is aware must be delivered that same day in order to guarantee holding times are met. After hours, late deliveries, courier/company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis is been completed. Sample storage for large quantities by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been stated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 12-Jul-18 18:58
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0590-01) Collected: 28-Jun-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AF82916	2	04-Jul-18 (EG)	4 mg/l	
pH	SM4500-H-B	AG80234	0.1	28-Jun-18 (SS)	7.2 pH Units	
Residual Chlorine	SM 4500 Cl-G	AF82912	0.05	29-Jun-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AF82812	1.8	30-Jun-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AF82812	1.8	30-Jun-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 7/12/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18F0590

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field / Lab
EFF	06/28/18	1100	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.2
			1	BOD	Grab	AQ	1L P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	Carlos Alvarez (GPC)	06/28/18	
Received by	C-Tate PCL	6/28/18	1277
Relinquished by	C-Tate PCL	6/28/18	1500
Received by			
Relinquished by			
Received in lab by		6/29/18	1500

Sample Received Checklist

Temperature upon receipt: 4°C
# of bottles agrees with COC? (Yes) No
Samples intact? (Yes) No
Samples properly preserved? (Yes) No
Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
(Grab)
Comp

Matrix
(AQ - Water)
SO - Soil / Sludge
OT - Other

Bottle Type
(P - Plastic)
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including any price schedule and any additions or amendments which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting, sampling services and who is its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or released from time to time by PCL.

2. Independent Contractor

PCL will solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined hereinbelow) only under the following General Terms and Conditions (the "Terms"). These Terms shall apply if PCL and the Client shall not have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client's work order request by submitting a written Work Order (a "WO") to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or invitation of a sampling service constitutes the Client's acceptance to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a Client's document shall be deemed to be or form a part of the contract created upon acceptance of the terms and conditions.

For purposes of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of accountancy in the profession. Where appropriate, PCL will use statistical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboards (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) or the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature of compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order, and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by Client or at Client's request and the results obtained by PCL shall be held in confidence unless such information is generally available to the public or in the public domain or Client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement. Unless by any disclosure required by law or legal process, PCL shall exercise the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such data unless such disclosure is caused by PCL's gross negligence or willful misconduct. Client will not disclose any information concerning PCL's methods or procedures to any third party without PCL's prior written consent.

10. Hold Harmless

Client releases, and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, actions, damages, claims, demands, losses, penalties, suits and other related expenses including, but not limited to, all court fees, charges and fees incurred in awards arising in favor of Client or any third party as a result of, and to the extent caused by, incidents or events that occur in connection with the performance of services by PCL hereunder to the extent such liability, damage, loss, claim, action, suit, penalty, fine or demand is caused by Client's (or Client's customers, if any) acts or omissions, including, but not limited to, claims, damages, losses and expenses, including attorneys' fees and costs, arising out of or in connection with the negligence of or breach of contract by any employee or Client Person, whether or not such is alleged in the performance of services under this agreement. The foregoing indemnification will not apply to any liability which has been caused by PCL's gross negligence or willful misconduct of PCL or its employees. Further, this indemnity does not apply to any of the following losses, costs, damages or expenses caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity does not apply to losses, claims, damages, demands or suits that are partially arising out of or in connection with the negligence of or breach of contract by any employee of Client Person, whether or not such is alleged in the performance of services under this agreement. The foregoing indemnification will not apply to any liability which has been caused by PCL's gross negligence or willful misconduct of PCL or its employees. Further, this indemnity does not apply to any of the following losses, costs, damages or expenses caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity does not apply to losses, claims, damages, demands or suits that are partially arising out of or in connection with the negligence of or breach of contract by any employee of Client Person, whether or not such is alleged in the performance of services under this agreement. The foregoing indemnification will not apply to any liability which has been caused by PCL's

NORTH COAST LABORATORIES LTD.

July 26, 2018

Pat-Chem Laboratories
1824 1st St.
San Fernando, CA 93340

Attn: Steve Jefferson

RE: 18F0589

Order No.: 1806532
Invoice No.: 140905
PO No.:
ELAP No.1247-Expires July 2018

SAMPLE IDENTIFICATION

Fraction	Client Sample Description
01A	EFF
01B	EFF
01C	EFF

ND = Not Detected at the Reporting Limit

Limit = Reporting Limit

Flag = Explanation in Case Narrative

All solid results are expressed on a wet-weight basis unless otherwise noted.

Approved for release by:

Roxanne Moore, Project Manager

Date: 26-Jul-2018
WorkOrder: 1806532

CASE NARRATIVE

THIS IS AN AMENDED REPORT- CHAIN HAS BEEN AMENDED - PROJECT NAME WAS CHANGED

EPA 549.2:
Diquat strongly adsorbs to soil particles that are suspended in water. The strong chemical bonds make the herbicide chemically inactive. When bound with soil particles, the extraction procedure for method EPA 549.2 is ineffective at isolating the bound diquat. Any reported diquat represents the dissolved analyte in the water that has not been bound to the soil particles.

Date: 26-Jul-2018
WorkOrder: 1806532

ANALYTICAL REPORT

Client Sample ID: EFF
Lab ID: 1806532-01A
Received: 7/2/2018
Collected: 6/28/2018 11:45

Test Name: Endothall
Reference: EPA 548.1

Parameter	Result	Flag	Limit	Units	DF	Extracted	Analyzed
Endothall	ND		45	µg/L	1.0	7/3/2018	7/5/2018
Surrogate: 2,3-D	92.9		78-117	% Rec	1.0	7/3/2018	7/5/2018

Client Sample ID: EFF
Lab ID: 1806532-01B
Received: 7/2/2018
Collected: 6/28/2018 11:45

Test Name: EPA 549.2
Reference: EPA 549.2

Parameter	Result	Flag	Limit	Units	DF	Extracted	Analyzed
Diquat (dissolved)	ND		0.40	µg/L	1.0	7/3/2018	7/8/2018

Client Sample ID: EFF
Lab ID: 1806532-01C
Received: 7/2/2018
Collected: 6/28/2018 11:45

Test Name: Glyphosate
Reference: EPA 547

Parameter	Result	Flag	Limit	Units	DF	Extracted	Analyzed
Glyphosate	ND		5.0	µg/L	1.0	7/2/2018	7/3/2018

North Coast Laboratories, Ltd.

Date: 7/11/2018

CLIENT: Pat-Chem Laboratories
Work Order: 1806532
Project: 18F0589

QC SUMMARY REPORT

Method Blank

Sample ID **MBLK-070218** Batch ID: **R96030** Test Code: **547W** Units: **µg/L** Analysis Date **7/2/2018 7:12:08 PM** Prep Date **7/2/2018**
Client ID: Run ID: **ORLC9_180702A** SeqNo: **1366370**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Glyphosate	ND	5.0									

Sample ID **MB-36239** Batch ID: **36239** Test Code: **548W** Units: **µg/L** Analysis Date **7/5/2018 7:26:49 PM** Prep Date **7/3/2018**
Client ID: Run ID: **ORGC14_180705A** SeqNo: **1366346**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Endothall	ND	45									
Surrogate: 2,3-D	253	0.10	250	0	101%	78	117	0			

Sample ID **MB-36245** Batch ID: **36245** Test Code: **549W** Units: **µg/L** Analysis Date **7/8/2018 4:29:14 PM** Prep Date **7/3/2018**
Client ID: Run ID: **ORLC2_180708A** SeqNo: **1366781**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diquat (dissolved)	ND	0.40									

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

North Coast Laboratories, Ltd.

Date: 7/11/2018

CLIENT: Pat-Chem Laboratories
Work Order: 1806532
Project: 18F0589

QC SUMMARY REPORT

Laboratory Control Spike

Sample ID **LCS-070218** Batch ID: **R96030** Test Code: **547W** Units: **µg/L** Analysis Date **7/2/2018 7:33:53 PM** Prep Date **7/2/2018**
Client ID: Run ID: **ORLC9_180702A** SeqNo: **1366371**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Glyphosate	49.67	5.0	50.0	0	99.3%	80	118	0			

Sample ID **LCSD-070218** Batch ID: **R96030** Test Code: **547W** Units: **µg/L** Analysis Date **7/2/2018 7:55:39 PM** Prep Date **7/2/2018**
Client ID: Run ID: **ORLC9_180702A** SeqNo: **1366372**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Glyphosate	50.43	5.0	50.0	0	101%	80	118	49.7	1.50%	30	

Sample ID **LCS-36239** Batch ID: **36239** Test Code: **548W** Units: **µg/L** Analysis Date **7/5/2018 7:48:58 PM** Prep Date **7/3/2018**
Client ID: Run ID: **ORGC14_180705A** SeqNo: **1366347**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Endothall	225.7	45	225	0	100%	61	114	0			
Surrogate: 2,3-D	267	0.10	250	0	107%	78	117	0			

Sample ID **LCSD-36239** Batch ID: **36239** Test Code: **548W** Units: **µg/L** Analysis Date **7/5/2018 8:11:13 PM** Prep Date **7/3/2018**
Client ID: Run ID: **ORGC14_180705A** SeqNo: **1366348**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Endothall	230.0	45	225	0	102%	61	114	226	1.87%	30	
Surrogate: 2,3-D	266	0.10	250	0	106%	78	117	267	0.154%	30	

Sample ID **LCS-36245** Batch ID: **36245** Test Code: **549W** Units: **µg/L** Analysis Date **7/8/2018 5:05:13 PM** Prep Date **7/3/2018**
Client ID: Run ID: **ORLC2_180708A** SeqNo: **1366782**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diquat (dissolved)	1.491	0.40	2.00	0	74.5%	70	130	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Pat-Chem Laboratories
Work Order: 1806532
Project: 18F0589

QC SUMMARY REPORT
Laboratory Control Spike Duplicate

Sample ID **LCSD-36245** Batch ID: **36245** Test Code: **549W** Units: **µg/L** Analysis Date **7/8/2018 5:41:04 PM** Prep Date **7/3/2018**
Client ID: Run ID: **ORLC2_180708A** SeqNo: **1366783**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diquat (dissolved)	1.593	0.40	2.00	0	79.7%	70	130	1.49	6.64%	30	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

1806532
18FO598
18FO599
(204) SKD 7-26-18

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (805) 532-0012
Fax (805) 532-0016

Environmental Sample

Sample I.D.#:

Customer: Pat-Chem Laboratories		Project :	
Address: 1824 1st St.		Sampled by: Customer	P.O. #:
San Fernando CA 91340		Report Attention: Steve Jefferson	Phone #: 818-639-5300

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	6/28/18	1145	1	548 Endothall	Grab	AQ	1L G	4°C	
			1	549 Diquat	Grab	AQ	1L G	4°C	
			1	Glyphosate	Grab	AQ	1L G	4°C	
5-DAY RUSH									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Pluto	6/28/18	1500
Received by	Jessica Silberman	Jessica Silberman	7/2/18	10:10
Relinquished by				
Received by				
Relinquished by				
Received in lab by				

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu -$CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 6/1/17

5.8°C

* 7-day rush as per theresa
-jz 7/2/18

CERES Analytical Laboratory, Inc.
4919 Windplay Dr. Suite 1, El Dorado Hills, CA 95762

July 10, 2018

Ceres ID: 12175

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

The following report contains the results for the one aqueous sample received on July 3, 2018. This sample was analyzed for 2,3,7,8-TCDD by EPA 1613B. Rush 5-day turn-around time was provided for this work.

This work was authorized under Pat-Chem Laboratories' Project # 18F0598.

The report consists of a Cover Letter, Sample Inventory (Section I), Data Summary (Section II), Sample Tracking (Section VI), and Qualifiers/Abbreviations (Section VII). Raw Data (Section III), Continuing Calibration (Section IV), and Initial Calibration (Section V) are available in a full report (.pdf format) upon request.

If you have any questions regarding this report, please feel free to contact me at (916)932-5011.

Sincerely,



James M. Hedin
Director of Operations/CEO
jhedin@ceres-lab.com

Section I: Sample Inventory

Ceres Sample ID:	Sample ID	Date Received	Collection Date	&Time
12175-001	EFF 18F0598	7/3/2018	6/28/2018	11:45

Section II: Data Summary

CERES Analytical Laboratory, Inc.
4919 Windplay Dr. Suite 1, El Dorado Hills, CA 95762

EPA Method 1613B

Quality Assurance Sample **Method Blank**		**Date Received:** NA
	QC Batch #: 1815	**Date Extracted:** 7/6/2018
	Matrix: Aqueous	**ZB-5MS Analysis:** 7/7/2018
Project ID: 18F0598	**Sample Size:** 1.000 L	

Analyte	Conc. (pg/L)	MDL	RL	Qual.	Labeled Standards	% R	LCL-UCL (a)	Qualifiers
2,3,7,8-TCDD	DL= 4.54	1.49	5.00		13C-2378-TCDD	91.8	31-137	
					CRS			
					37Cl4-2378-TCDD	92.0	35-197	

DL - Signifies Non-Detect (ND) at sample specific detection limit.
EMPC - Estimated Maximum Possible Concentration due to ion abundance ratio failure.
(a) - Lower control limit - Upper control limit

Analyst: JMH **Reviewed by: BS**

CERES Analytical Laboratory, Inc.
4919 Windplay Dr. Suite 1, El Dorado Hills, CA 95762

EPA Method 1613B

Quality Assurance Sample **Ongoing Precision and Recovery**		**Date Received:** NA
	QC Batch #: 1815	**Date Extracted:** 7/6/2018
	Matrix: Aqueous	**ZB-5MS Analysis:** 7/7/2018
Project ID: 18F0598	**Sample Size:** 1.000 L	

Analyte	Conc. (ng/mL)	Limits (a)	Labeled Standards	% Rec.	Limits (a)
2,3,7,8-TCDD	9.19	7.3-14.6	13C-2378-TCDD	63.1	25-141
			CRS		
			37Cl4-2378-TCDD	61.1	37-158

(a) Limits based on method acceptance criteria.

Analyst: JMH **Reviewed by: BS**

CERES Analytical Laboratory, Inc.
4919 Windplay Dr. Suite 1, El Dorado Hills, CA 95762

EPA Method 1613B

Client Sample ID: EFF 18F0598		
Project ID: 18F0598	**Ceres Sample ID:** 12175-001	**Date Received:** 7/3/2018
	QC Batch #: 1815	**Date Extracted:** 7/6/2018
Date Collected: 6/28/2018	**Matrix:** Aqueous	**ZB-5MS Analysis:** 7/7/2018
Time Collected: 11:45	**Sample Size:** 0.953 L	

Analyte	Conc. (pg/L)	MDL	RL	Qual.	Labeled Standards	% R	LCL-UCL (a)	Qualifiers
2,3,7,8-TCDD	DL= 4.00	1.49	5.25		13C-2378-TCDD	77.2	31-137	
					CRS			
					37Cl4-2378-TCDD	80.2	42-164	

DL - Signifies Non-Detect (ND) at sample specific detection limit.
EMPC - Estimated Maximum Possible Concentration due to ion abundance ratio failure.
(a) - Lower control limit - Upper control limit

Analyst: JMH **Reviewed by: BS**

Section VI: Sample Tracking

12175

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (805) 532-0012
Fax (805) 532-0016

Environmental Sample

Sample I.D.#: 18F0548

Customer: Pat-Chem Laboratories		Project :	
Address: 1824 1st St.		Sampled by: Customer	P.O. #:
San Fernando	CA 91340	Report Attention: Steve Jefferson	Phone #: 818-639-5300

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	6/28/18	1145	1	Dioxins 2,3,7,8, TCCD	Grab	AQ	1L G	4°C	
5-DAY RUSH									

Signature	Print Name (Company)	Date	Time
Relinquished by		6/28/18	1500
Received by	Hedin	7/3/18	9:48
Relinquished by			
Received by			
Relinquished by			
Received in lab by			

Sample Received Checklist 4°C

Temperature upon receipt: _____

# of bottles agrees with COC? (Yes) No

Samples intact? (Yes) No

Samples properly preserved? (Yes) No

Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu -$CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 6/1/17

July 26, 2018

Pat-Chem Laboratories
1824 1st St
San Fernando, CA 91340

Lab ID : SP 1808558
Customer : 2-12670

Laboratory Report

Introduction: This report package contains total of 7 pages divided into 3 sections:

Case Narrative	(2 pages)	: An overview of the work performed at FGL.
Sample Results	(2 pages)	: Results for each sample submitted.
Quality Control	(3 pages)	: Supporting Quality Control (QC) results.

Case Narrative

This Case Narrative pertains to the following samples:

Sample Description	Date Sampled	Date Received	FGL Lab ID #	Matrix
EFF	06/28/2018	06/29/2018	SP 1808558-001	WW

Sampling and Receipt Information: All samples were received in acceptable condition and within temperature requirements, unless noted on the Condition Upon Receipt (CUR) form. All samples arrived on ice. All samples were prepared and analyzed within the method specified hold time. All samples were checked for pH if acid or base preservation is required (except for VOAs). For details of sample receipt information, please see the attached Chain of Custody and Condition Upon Receipt Form.

Quality Control: All samples were prepared and analyzed according to the following tables:

Inorganic - Metals QC

245.1	06/29/2018:209504 All analysis quality controls are within established criteria.
	06/29/2018:207627 All preparation quality controls are within established criteria.

Radio QC

900.0	07/09/2018:209781 All analysis quality controls are within established criteria.
	07/05/2018:207829 All preparation quality controls are within established criteria, except: The following note applies to Gross Beta: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery. The following note applies to Gross Beta: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.

Corporate Offices & Laboratory
853 Corporation Street
Santa Paula, CA 93060
TEL: (805)392-2000
Env FAX: (805)525-4172 / Ag FAX: (805)392-2063
CA ELAP Certification No. 1573

Office & Laboratory
2500 Stagecoach Road
Stockton, CA 95215
TEL: (209)942-0182
FAX: (209)942-0423
CA ELAP Certification No. 1563

Office & Laboratory
563 E. Lindo Avenue
Chico, CA 95926
TEL: (530)343-5818
FAX: (530)343-3807
CA ELAP Certification No. 2670

Office & Laboratory
3442 Empresa Drive, Suite D
San Luis Obispo, CA 93401
TEL: (805)783-2940
FAX: (805)783-2912
CA ELAP Certification No. 2775

Office & Laboratory
9415 W. Goshen Avenue
Visalia, CA 93291
TEL: (559)734-9473
FAX: (559)734-8435
CA ELAP Certification No. 2810

July 26, 2018 Lab ID : SP 1808558
Pat-Chem Laboratories Customer : 2-12670

Radio QC

903.0	07/13/2018:210045 All analysis quality controls are within established criteria.
	07/05/2018:207863 All preparation quality controls are within established criteria.
905.0	07/10/2018:209934 All analysis quality controls are within established criteria.
	07/02/2018:207714 All preparation quality controls are within established criteria.
906.0	07/13/2018:210043 All analysis quality controls are within established criteria.
	07/12/2018:208112 All preparation quality controls are within established criteria.
908.0	07/13/2018:210074 All analysis quality controls are within established criteria.
	07/05/2018:207841 All preparation quality controls are within established criteria.
Ra - 05	07/11/2018:210010 All analysis quality controls are within established criteria.
	07/07/2018:207715 All preparation quality controls are within established criteria.

Inorganic - Wet Chemistry QC

314.0	07/05/2018:209731 All analysis quality controls are within established criteria.
	07/05/2018:207914 All preparation quality controls are within established criteria.

Certification:: I certify that this data package is in compliance with ELAP standards, both technically and for completeness, except for any conditions listed above. Release of the data contained in this data package is authorized by the Laboratory Director or his designee, as verified by the following electronic signature.

KD:SVH

Approved By **Kelly A. Dunnahoo, B.S.** Digitally signed by Kelly A. Dunnahoo, B.S.
Title: Laboratory Director
Date: 2018-07-26

July 26, 2018

Pat-Chem Laboratories
1824 1st St
San Fernando, CA 91340

Description : EFF
Project : 18F0598

Lab ID : SP 1808558-001
Customer ID : 2-12670

Sampled On : June 28, 2018-11:45
Sampled By : Customer
Received On : June 29, 2018-09:17
Matrix : Waste Water

Sample Result - Inorganic

Constituent	Result	PQL	Units	Note	Sample Preparation Method	Sample Preparation Date/ID	Sample Analysis Method	Sample Analysis Date/ID
Metals, Total								
Mercury	ND	0.00002	mg/L		245.1	06/29/18:207627	245.1	06/29/18:209504
Wet Chemistry								
Perchlorate	ND	2	ug/L		314.0	07/05/18:207914	314.0	07/05/18:209731

ND=Non-Detected. PQL=Practical Quantitation Limit. * PQL adjusted for dilution.

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July 26, 2018

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Description : EFF
Project : 18F0598

Lab ID : SP 1808558-001
Customer ID : 2-12670

Sampled On : June 28, 2018-11:45
Sampled By : Customer
Received On : June 29, 2018-09:17
Matrix : Waste Water

Sample Result - Radio

Constituent	Result ± Error	MDA	Units	MCL/AL	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
Radio Chemistry								
Gross Alpha	2.99 ± 1.11	1.22	pCi/L		900.0	07/05/18-11:00 2P1807829	900.0	07/09/18-14:14 2A1809781
Gross Beta	7.83 ± 2.33	1.72	pCi/L		900.0	07/05/18-11:00 2P1807829	900.0	07/09/18-14:14 2A1809781
Strontium 90	0.000 ± 0.176	0.546	pCi/L		905.0	07/02/18-17:30 2P1807714	905.0	07/10/18-18:40 2A1809934
Total Alpha Radium (226)	0.034 ± 0.083	0.322	pCi/L		903.0	07/05/18-18:30 2P1807863	903.0	07/13/18-11:19 2A1810045
Tritium	0.000 ± 261	434	pCi/L		906.0	07/12/18-16:00 2P1808112	906.0	07/13/18-05:26 2A1810043
Uranium	1.89 ± 1.08	0.470	pCi/L		908.0	07/05/18-18:00 2P1807841	908.0	07/13/18-13:50 2A1810074
Ra 228	0.631 ± 0.781	0.506	pCi/L		Ra - 05	07/07/18-18:00 2P1807715	Ra - 05	07/11/18-18:40 2A1810010

ND=Non-Detected. PQL=Practical Quantitation Limit. * PQL adjusted for dilution.

MDA = Minimum Detectable Activity (Calculated at the 95% confidence level) = Data utilized by DHS to determine matrix interference.
MCL / AL = Maximum Contamination Level / Action Level. Alpha's Action Level of 5 pCi/L is based on the Assigned Value (AV).
AV = Assigned Value(Gross Alpha Result + (0.84 x Error)). CCR Section 64442: Drinking Water Compliance Note: Do the following
If Gross Alpha's (AV) exceeds 5 pCi/L run Uranium. If Gross Alpha's (AV) minus Uranium exceeds 5 pCi/L run Radium 226.

Drinking Water Compliance:
Gross Alpha (AV) minus Uranium is less than or equal to 15 pCi/L
Uranium is less than or equal to 20 pCi/L
Radium 226 + Radium 228 is less than or equal to 5 pCi/L

Note: Samples are held for 3-6 months prior to disposal.

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July 26, 2018 Lab ID : SP 1808558
Pat-Chem Laboratories Customer : 2-12670

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals								
Mercury	245.1	06/29/18:207627amb	Blank	ug/L		ND	<0.02	
			LCS	ug/L	0.2000	101 %	85-115	
			MS	ug/L	0.2000	107 %	75-125	
		(SP 1808558-001)	MSD	ug/L	0.2000	118 %	75-125	
			MSRPD	ug/L	0.2000	9.7%	≤20	
	245.1	06/29/18:209504AC	CCV	ppt	200.0	103 %	90-110	
			CCB	ppt		-2.5	20	
			CCV	ppt	200.0	108 %	90-110	
			CCB	ppt		-3.0	20	
Wet Chem								
Perchlorate	314.0	07/05/18:207914MCA	Blank	ug/L		ND	<2	
			LCS	ug/L	25.00	104 %	85-115	
			MS	ug/L	25.00	85.5 %	80-120	
		(SP 1808479-001)	MSD	ug/L	25.00	85.0 %	80-120	
			MSRPD	ug/L	25.00	0.6%	≤15	
	314.0	07/05/18:209731MCA	ICB	ppb		0.00	2.0	
			ICV	ppb	2.000	107 %	85-115	
			CCB	ppb		0.00	2.0	
			CCV	ppb	10.00	108 %	85-115	

Definition

ICV	: Initial Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
ICB	: Initial Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
CCV	: Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
CCB	: Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
Blank	: Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
LCS	: Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.
MS	: Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
MSD	: Matrix Spike Duplicate of MS/MSD pair - A random sample duplicate is spiked with a known amount of analyted. The recoveries are an indication of how that sample matrix affects analyte recovery.
MSRPD	: MS/MSD Relative Percent Difference (RPD) - The MS relative percent difference is an indication of precision for the preparation and analysis.
ND	: Non-detect - Result was below the DQO listed for the analyte.
DQO	: Data Quality Objective - This is the criteria against which the quality control data is compared.

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July 26, 2018 Lab ID : SP 1808558
Pat-Chem Laboratories Customer : 2-12670

Quality Control - Radio

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Radio								
Alpha	900.0	07/09/18:209781AAT	CCV	cpm	8476	41.2 %	35-47	
			CCB	cpm		0.1200	0.21	
Beta	900.0	07/09/18:209781AAT	CCV	cpm	8476	88.3 %	83-94	
			CCB	cpm		0.3800	0.51	
Gross Alpha	900.0	07/05/18:207829iwc	Blank	pCi/L		0.77	3	
			LCS	pCi/L	93.94	100 %	75-125	
			MS	pCi/L	93.94	109 %	60-140	
		(SP 1807634-001)	MSD	pCi/L	93.94	79.5 %	60-140	
			MSRPD	pCi/L	93.94	28.9%	≤30	
Gross Beta	900.0	07/05/18:207829iwc	Blank	pCi/L		0.11	4	
			LCS	pCi/L	69.98	110 %	84-160	
			MS	pCi/L	69.98	77.0 %	80-130	435
		(SP 1807634-001)	MSD	pCi/L	69.98	141 %	80-130	435
			MSRPD	pCi/L	93.94	51.9%	≤30	435
Alpha	903.0	07/13/18:210045AAT	CCV	cpm	8109	40.7 %	37-46	
			CCB	cpm		0.0800	0.16	
Total Alpha Radium (226)	903.0	07/05/18:207863emv	RgBlk	pCi/L		0.008	2	
			LCS	pCi/L	24.20	67.8 %	52-107	
			BS	pCi/L	24.20	66.5 %	43-111	
			BSD	pCi/L	24.20	62.6 %	43-111	
			BSRPD	pCi/L	24.20	6.0%	≤35.5	
Beta	905.0	07/10/18:209934emv	CCV	cpm	8475	88.1 %	85-93	
			CCB	cpm		0.3800	0.58	
Total Strontium	905.0	07/02/18:207714emv	RgBlk	pCi/L		0.14	2	
			LRS	pCi/L	17.88	133 %	53-133	
			BS	pCi/L	17.87	90.5 %	75-125	
			BSD	pCi/L	17.87	87.0 %	75-125	
			BSRPD	pCi/L	17.87	3.9%	≤20	
Tritium	906.0	07/12/18:208112aat	Blank	pCi/L		116	<300	
			LCS	pCi/L	1731	92.9 %	75-125	
			BS	pCi/L	1731	81.4 %	75-125	
			BSD	pCi/L	1731	87.3 %	75-125	
			BSRPD	pCi/L	1731	6.5%	≤25	
	906.0	07/13/18:210043aat	CCV	pCi/L	27180	100 %	90-110	
			CCB	pCi/L		137	500	
Alpha	908.0	07/13/18:210074AAT	CCV	cpm	8109	40.1 %	36-45	
			CCB	cpm		0.1200	0.16	
Uranium	908.0	07/05/18:207841aat	RgBlk	pCi/L		0.06	1	
			LRS	pCi/L	26.84	63.6 %	54-105	
			BS	pCi/L	26.84	107 %	75-125	
			BSD	pCi/L	26.84	101 %	75-125	
			BSRPD	pCi/L	26.84	5.4%	≤20	
Beta	Ra - 05	07/11/18:210010emv	CCV	cpm	8475	87.9 %	84-94	
			CCB	cpm		0.4400	0.58	
Ra 228	Ra - 05	07/07/18:207715emv	RgBlk	pCi/L		-0.10	3	
			LRS	pCi/L	32.18	74.2 %	65-108	
			BS	pCi/L	32.18	96.6 %	75-125	
			BSD	pCi/L	32.18	105 %	75-125	
			BSRPD	pCi/L	32.18	8.4%	≤25	

Definition

CCV	: Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
CCB	: Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
Blank	: Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
RgBlk	: Method Reagent Blank - Prepared to correct for any reagent contributions to sample result.
LCS	: Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.

July 26, 2018 Lab ID : SP 1808558

Pat-Chem Laboratories Customer : 2-12670

Quality Control - Radio

Definition	
LRS	: Laboratory Recovery Standard - Prepared to establish the batch recovery factor used in result calculations.
MS	: Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
MSD	: Matrix Spike Duplicate of MS/MSD pair - A random sample duplicate is spiked with a known amount of analyted. The recoveries are an indication of how that sample matrix affects analyte recovery.
BS	: Blank Spikes - A blank is spiked with a known amount of analyte. It is prepared to verify that the preparation process is not affecting analyte recovery.
BSD	: Blank Spike Duplicate of BS/BSD pair - A blank duplicate is spiked with a known amount of analyte. It is prepared to verify that the preparation process is not affecting analyte recovery.
MSRPD	: MS/MSD Relative Percent Difference (RPD) - The MS relative percent difference is an indication of precision for the preparation and analysis.
BSRPD	: BS/BSD Relative Percent Difference (RPD) - The BS relative percent difference is an indication of precision for the preparation and analysis.
ND	: Non-detect - Result was below the DQO listed for the analyte.
DQO	: Data Quality Objective - This is the criteria against which the quality control data is compared.
Explanation	
435	: Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.

LA Testing
520 Mission Street South Pasadena, CA 91030
Phone/Fax: (323) 254-9960 / (323) 254-9982
http://www.LATesting.com / pasadenalab@latesting.com

LA Testing Order ID: 321814981
Customer ID: PTCM42
Customer PO:
Project ID:

Attn: Steve Jefferson
Pat Chem Laboratories
1824 1st St
San Fernando, CA 91340

Phone: (805) 532-0012
Fax:
Collected: 06/28/2018
Received: 07/02/2018
Analyzed: 07/09/2018

Proj: 18F0598

Test Report: Determination of Asbestos Structures >10µm in Drinking Water Performed by the 100.2 Method (EPA 600/R-94/134)

Sample ID Client / EMSL	Sample Filtration Date/Time	Original Sample Vol. Filtered (ml)	Effective Filter Area (mm²)	Area Analyzed (mm²)	ASBESTOS Asbestos Types	Fibers Detected	Analytical Sensitivity	Concentration	Confidence Limits
								MFL (million fibers per liter)	
EFF 321814981-0001	7/2/2018 02:25 PM	100	1288	0.0645	None Detected	ND	0.20	<0.20	0.00 - 0.74

Sample ozonated prior to analysis due to lab receipt time exceeding 48hr method hold time.

Analyst(s)
Feng Liang (1)

Jerry Drapala Ph.D, Laboratory Manager
or Other Approved Signatory

Any questions please contact Jerry Drapala.

Initial report from: 07/09/2018 18:59:13

Sample collection and containers provided by the client, acceptable bottle blank level is defined as ≤0.01MFL>10um. ND=None Detected. This report relates only to those items tested. This report may not be reproduced, except in full, without written permission by LA Testing. Samples received in good condition unless otherwise noted.

Samples analyzed by LA Testing South Pasadena, CA CA ELAP 2283

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QUALITY ANALYTICAL SERVICES SINCE 1987
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Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 27-Jul-18 10:05
Subject: (MCC) Quarterly

Project/P.O.#: (MCC) Quarterly

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0598-01) Collected: 28-Jun-18 By IPC						
Silver	EPA 200.8	AF82918	0.2	05-Jul-18 (AF)	<0.2 ug/l	
Aluminum	EPA 200.8	AF82918	5.0	05-Jul-18 (AF)	95 ug/l	
Arsenic	EPA 200.8	AF82918	0.5	05-Jul-18 (AF)	1.1 ug/l	
Barium	EPA 200.8	AF82918	0.5	05-Jul-18 (AF)	17 ug/l	
Beryllium	EPA 200.8	AF82918	0.2	05-Jul-18 (AF)	<0.2 ug/l	
Cadmium	EPA 200.8	AF82918	0.2	05-Jul-18 (AF)	<0.2 ug/l	
Chromium	EPA 200.8	AF82918	0.2	05-Jul-18 (AF)	5.6 ug/l	
Copper	EPA 200.8	AF82918	0.2	05-Jul-18 (AF)	1.2 ug/l	
Iron	EPA 200.7	AF82908	0.02	03-Jul-18 (AF)	<0.02 mg/l	
Mercury	EPA 245.1	AG81018	0.20	10-Jul-18 (AF)	<0.20 ug/l	
Manganese	EPA 200.8	AF82918	0.5	05-Jul-18 (AF)	3.4 ug/l	
Nickel	EPA 200.8	AF82918	0.5	05-Jul-18 (AF)	4.2 ug/l	
Lead	EPA 200.8	AF82918	0.2	05-Jul-18 (AF)	<0.2 ug/l	
Antimony	EPA 200.8	AF82918	1.0	05-Jul-18 (AF)	<1.0 ug/l	
Selenium	EPA 200.8	AF82918	2.0	05-Jul-18 (AF)	3.2 ug/l	
Thallium	EPA 200.8	AF82918	1.0	05-Jul-18 (AF)	<1.0 ug/l	
Uranium	EPA 200.8	AF82918	1.0	05-Jul-18 (AF)	3.3 ug/l	
Zinc	EPA 200.8	AF82918	1.0	05-Jul-18 (AF)	12 ug/l	
1,2-Dibromoethane (EDB)	EPA 504.1	AG81135	0.02	11-Jul-18 (SJ)	<0.02 ug/l	
1,2-Dibromo-3-Chloropropane (DBCP)	EPA 504.1	AG81135	0.01	11-Jul-18 (SJ)	<0.01 ug/l	
Bis(2-ethylhexyl)phthalate	EPA 506	AG80229	2.0	05-Jul-18 (SJ)	<2.0 ug/l	
Bis(2-ethylhexyl)adipate	EPA 506	AG80229	2.0	05-Jul-18 (SJ)	<2.0 ug/l	
Surrogate: o-Terphenyl	*EPA 506*	*AG80229*		*05-Jul-18 (SJ)*	*50.5 % (50-120)*	
Alachlor	EPA 507	AF82914	0.2	05-Jul-18 (SJ)	<0.2 ug/l	
Atrazine	EPA 507	AF82914	0.2	05-Jul-18 (SJ)	<0.2 ug/l	
Molinate	EPA 507	AF82914	0.2	05-Jul-18 (SJ)	<0.2 ug/l	
Simazine	EPA 507	AF82914	0.2	05-Jul-18 (SJ)	<0.2 ug/l	
Thiobencarb (Bolero)	EPA 507	AF82914	0.2	05-Jul-18 (SJ)	<0.2 ug/l	

Respectfully Submitted,

Steve Jefferson 7/27/2018
Laboratory Director

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San Fernando, CA 91340
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pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 27-Jul-18 10:05
Subject: (MCC) Quarterly

Project/P.O.#: (MCC) Quarterly

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0598-01) Collected: 28-Jun-18 By IPC						
Surrogate: 1,3-Dimethyl-2-nitrobenzei	*EPA 507*	*AF82914*		*05-Jul-18 (SJ)*	*54.3 % (40-120)*	
Gamma-BHC(Lindane)	EPA 508	AF82907	0.01	05-Jul-18 (SJ)	<0.01 ug/l	
Heptachlor	EPA 508	AF82907	0.01	05-Jul-18 (SJ)	<0.01 ug/l	
Heptachlor Epoxide	EPA 508	AF82907	0.01	05-Jul-18 (SJ)	<0.01 ug/l	
Endrin	EPA 508	AF82907	0.01	05-Jul-18 (SJ)	<0.01 ug/l	
Methoxychlor	EPA 508	AF82907	0.05	05-Jul-18 (SJ)	<0.05 ug/l	
Hexachlorocyclopentadiene	EPA 508	AF82907	1.0	05-Jul-18 (SJ)	<1.0 ug/l	
Hexachlorobenzene	EPA 508	AF82907	0.5	05-Jul-18 (SJ)	<0.5 ug/l	
Chlordane	EPA 508	AF82907	0.1	05-Jul-18 (SJ)	<0.1 ug/l	
Toxaphene	EPA 508	AF82907	0.5	05-Jul-18 (SJ)	<0.5 ug/l	
Aroclor 1016	EPA 508	AF82907	0.5	05-Jul-18 (SJ)	<0.5 ug/l	
Aroclor 1221	EPA 508	AF82907	0.5	05-Jul-18 (SJ)	<0.5 ug/l	
Aroclor 1232	EPA 508	AF82907	0.5	05-Jul-18 (SJ)	<0.5 ug/l	
Aroclor 1242	EPA 508	AF82907	0.5	05-Jul-18 (SJ)	<0.5 ug/l	
Aroclor 1248	EPA 508	AF82907	0.5	05-Jul-18 (SJ)	<0.5 ug/l	
Aroclor 1254	EPA 508	AF82907	0.5	05-Jul-18 (SJ)	<0.5 ug/l	
Aroclor 1260	EPA 508	AF82907	0.5	05-Jul-18 (SJ)	<0.5 ug/l	
Surrogate: Tetrachloro-m-xylene	*EPA 508*	*AF82907*		*05-Jul-18 (SJ)*	*51.0 % (50-120)*	
Surrogate: Decachlorobiphenyl	*EPA 508*	*AF82907*		*05-Jul-18 (SJ)*	*85.0 % (50-120)*	
Bentazon	EPA 515.1	AG80236	0.2	10-Jul-18 (SJ)	<0.2 ug/l	
2,4-D	EPA 515.1	AG80236	0.2	10-Jul-18 (SJ)	<0.2 ug/l	
Dalapon	EPA 515.1	AG80236	2.0	10-Jul-18 (SJ)	<2.0 ug/l	
Dinoseb	EPA 515.1	AG80236	0.2	10-Jul-18 (SJ)	<0.2 ug/l	
Pentachlorophenol (PCP)	EPA 515.1	AG80236	0.2	10-Jul-18 (SJ)	<0.2 ug/l	
Picloram	EPA 515.1	AG80236	0.2	10-Jul-18 (SJ)	<0.2 ug/l	
2,4,5-TP	EPA 515.1	AG80236	0.2	10-Jul-18 (SJ)	<0.2 ug/l	
Surrogate: 2,4-DCAA	*EPA 515.1*	*AG80236*		*10-Jul-18 (SJ)*	*69.3 % (60-140)*	

Respectfully Submitted,

Steve Jefferson 7/27/2018
Laboratory Director

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Irvine CA, 92618

Attention: Ric Vardel
Report Date: 27-Jul-18 10:05
Subject: (MCC) Quarterly

Project/P.O.#: (MCC) Quarterly

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0598-01) Collected: 28-Jun-18 By IPC						
Benzene	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
Bromodichloromethane	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
Bromoform	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
Carbon tetrachloride	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
c-1,2-Dicholoroethene	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
Chlorobenzene	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
Chloroform	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
Dibromochloromethane	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
1,2-Dichlorobenzene	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
1,4-Dichlorobenzene	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
1,2-Dichloroethane	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
1,1-Dichloroethane	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
1,3-Dichloropropane	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
1,2-Dichloropropane	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
Ethylbenzene	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
Methyl tert-butyl ether	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
Methylene chloride	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
Styrene	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
t-1,2-Dichloroethene	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
1,1,2,2-Tetrachloroethane	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
Tetrachloroethene	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
Toluene	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
1,2,4-Trichlorobenzene	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
1,1,1-Trichloroethane	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
1,1,2-Trichloroethane	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
Trichloroethene	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
Trichlorofluoromethane (Freon 11)	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
1,1,2-Trichloro-1,2,2-trifluoroethane	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
Vinyl chloride	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	

Respectfully Submitted,

Steve Jefferson 7/27/2018
Laboratory Director

PAT-CHEM LABORATORIES
QUALITY ANALYTICAL SERVICES SINCE 1987
1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 27-Jul-18 10:05
Subject: (MCC) Quarterly

Project/P.O.#: (MCC) Quarterly

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0598-01) Collected: 28-Jun-18 By IPC						
o-Xylene	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
m,p-Xylene	EPA 524.2	AG81029	1.0	11-Jul-18 (SJ)	<1.0 ug/l	
Surrogate: Dibromofluoromethane	*EPA 524.2*	*AG81029*		*11-Jul-18 (SJ)*	*102 % (80-120)*	
Surrogate: Toluene-d8	*EPA 524.2*	*AG81029*		*11-Jul-18 (SJ)*	*97.2 % (80-120)*	
Surrogate: Bromofluorobenzene	*EPA 524.2*	*AG81029*		*11-Jul-18 (SJ)*	*90.6 % (80-120)*	
Carbofuran	EPA 632	AG80322	0.5	12-Jul-18 (SJ)	<0.5 ug/l	
Oxamyl	EPA 632	AG80322	1.0	12-Jul-18 (SJ)	<1.0 ug/l	
Chloroacetic Acid	EPA 552.2	AG81227	1.0	13-Jul-18 (SJ)	<1.0 ug/l	
Bromoacetic Acid	EPA 552.2	AG81227	1.0	13-Jul-18 (SJ)	3.1 ug/l	
Dichloroacetic Acid	EPA 552.2	AG81227	1.0	13-Jul-18 (SJ)	<1.0 ug/l	
Trichloroacetic Acid	EPA 552.2	AG81227	1.0	13-Jul-18 (SJ)	<1.0 ug/l	
Dibromoacetic Acid	EPA 552.2	AG81227	10.0	13-Jul-18 (SJ)	31.8 ug/l	
Haloacetic Acids (HAA5)	EPA 552.2	AG81227	1.0	13-Jul-18 (SJ)	34.9 ug/l	
Surrogate: 2,3-Dibromopropionic Acid	*EPA 552.2*	*AG81227*		*13-Jul-18 (SJ)*	*127 % (60-140)*	
Naphthalene	EPA 550	AG80240	0.05	13-Jul-18 (SJ)	<0.05 ug/l	
Acenaphthylene	EPA 550	AG80240	0.05	13-Jul-18 (SJ)	<0.05 ug/l	
Acenaphthene	EPA 550	AG80240	0.05	13-Jul-18 (SJ)	<0.05 ug/l	
Fluorene	EPA 550	AG80240	0.05	13-Jul-18 (SJ)	<0.05 ug/l	
Phenanthrene	EPA 550	AG80240	0.05	13-Jul-18 (SJ)	<0.05 ug/l	
Anthracene	EPA 550	AG80240	0.05	13-Jul-18 (SJ)	<0.05 ug/l	
Fluoranthene	EPA 550	AG80240	0.05	13-Jul-18 (SJ)	<0.05 ug/l	
Pyrene	EPA 550	AG80240	0.05	13-Jul-18 (SJ)	<0.05 ug/l	
Benzo (a) anthracene	EPA 550	AG80240	0.05	13-Jul-18 (SJ)	<0.05 ug/l	
Chrysene	EPA 550	AG80240	0.05	13-Jul-18 (SJ)	<0.05 ug/l	
Benzo (b) fluoranthene	EPA 550	AG80240	0.05	13-Jul-18 (SJ)	<0.05 ug/l	
Benzo (k) fluoranthene	EPA 550	AG80240	0.05	13-Jul-18 (SJ)	<0.05 ug/l	
Benzo (a) pyrene	EPA 550	AG80240	0.05	13-Jul-18 (SJ)	<0.05 ug/l	
Dibenz (a,h) anthracene	EPA 550	AG80240	0.05	13-Jul-18 (SJ)	<0.05 ug/l	
Benzo (g,h,i) perylene	EPA 550	AG80240	0.05	13-Jul-18 (SJ)	<0.05 ug/l	

Respectfully Submitted,

Steve Jefferson 7/27/2018
Laboratory Director

PAT-CHEM LABORATORIES
QUALITY ANALYTICAL SERVICES SINCE 1987
1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
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Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 27-Jul-18 10:05
Subject: (MCC) Quarterly

Project/P.O.#: (MCC) Quarterly

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0598-01) Collected: 28-Jun-18 By IPC						
Indeno (1,2,3-cd) pyrene	EPA 550	AG80240	0.05	13-Jul-18 (SJ)	<0.05 ug/l	
Surrogate: Decafluorobiphenyl	*EPA 550*	*AG80240*		*13-Jul-18 (SJ)*	*60.7 % (45-120)*	
Cyanide (total)	SM 4500-CN-E	AG80318	0.005	03-Jul-18 (SGS)	<0.005 mg/l	
MBAS	SM 5540C	AF82906	0.20	29-Jun-18 (PL)	<0.20 mg/l	
Color	SM 2120 C	AF82905	5.0	29-Jun-18 (LA)	29.6 CU	
Odor	SM 2150B	AG80324	1	28-Jun-18 (SJ)	<1 T.O.N.	
Bromate	EPA 300.0	AG81137	5.0	12-Jul-18 (SJ)	<5.0 ug/l	
Chlorite	EPA 300.0	AG81130	20.0	11-Jul-18 (SJ)	<20.0 ug/l	
Fluoride	EPA 300.0	AG80244	0.10	05-Jul-18 (PL)	1.05 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 7/27/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1805798

Customer: IPC, Inc.		Project : **(MCC) Quarterly EFF**	
Address: 9297 Research Drive		Sampled by: Golan Kfir	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	6/28/18	11:45	1	Ag, Al, Sb, As, Ba, Be, Cd, Cr, Cu, Fe, ~~Mg, Hg, Ni, Se, Tl, Zn~~	Grab	AQ	1L P	HN	
	〃	〃	1	F, Bromate, Chlorite, Color, Odor, pH	Grab	AQ	1L P	4°C	
	〃	〃	1	CN	Grab	AQ	250 P	OH, ~~AA~~	
	〃	〃	1	MBAS	Grab	AQ	500 P	4°C	
	〃	〃	1	Perchlorate	Grab	AQ	500 P	4°C	
	〃	〃	8	524, 504, 552, 552.2,	Grab	AQ	VOA	4°C	
	〃	〃	6	507, 515, 632, 508, 550, 506,	Grab	AQ	1L G	4°C	
	〃	〃	5	Asbestos, Diquat, Endothall, Glphosate, ~~Dioxon- 2,3,7,8 TCCD~~	Grab	AQ	1L G	4°C	
	〃	〃	6	Radioactive - Radium-226 & 228,Gross ~~Alpha, Gross Beta, Strontium-90 Tritium,~~	Grab	AQ	1L G	4°C	
	〃	〃	1	Uranium	Grab	AQ	1L G	4°C	

Signature	Print Name (Company)	Date	Time
Relinquished by GL	Golan IPC	6/28/18	
Received by	C-Tafur PCL	6/28/18	1237
Relinquished by	C-Tafur PCL	6/28/18	1500
Received by			
Relinquished by			
Received in lab by		6/28/18	1527

Sample Received Checklist 4°C

Temperature upon receipt: _____

# of bottles agrees with COC? (Yes) No

Samples intact? (Yes) No

Samples properly preserved? (Yes) No

Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
(Grab) ~~Comp~~

Matrix
(AQ - Water)
SO -Soil / Sludge
OT - Other

Bottle Type
(P - Plastic)
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any addenda or amendments to such which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. All modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or its agent for compiling services constitutes the client's agreement as well to be governed by these terms and conditions. No conditions or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the foregoing conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the industry where applicable. PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), 24 Watershield (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the scope and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the samples strictly proprietary to Client or of Client's request and the results returned by PCL or its agent or subcontractors (unless such information is generally available to the public or is the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for inadvertent disclosure of proprietary information obtained from PCL reports and information provided herein and for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client without disclosure to any third party any information concerning technical know-how, processes or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and related expenses including, but not limited to, attorney's fees (the "Losses") asserted and/or payable owing in favor of Client or any third party as a result, and/or in any way occurring, incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or from correction, handling or disposal of client's hazardous materials, i.e. liquids, wastes or samples of persons, or loss of, damage to, loss of, or loss of use of property and/or 3. environmental of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages and/or claims caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to claims, damages, actions of every kind and character arising out of or in connection with the negligence or breach of contract by any Unidentified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the Client might have to PCL and the other Indemnified Persons. To the extent not covered under applicable law, Client agrees that its indemnification will be supported by available liability insurance coverage to be furnished by Client, which insurance shall be in the minimum amounts permitted under applicable law. In no event shall PCL be liable to Client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption, litigation expenses or other loss including, without limitation, attorney's fees, court costs, and/or pre or post judgment interest, or any other expenses or costs incurred by Client or any other party in any litigation arising or involving PCL or any Indemnified Person in connection with this agreement or all services provided under this agreement even if client or the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will review samples materials for analysis such as asbestos, polychlorinated biphenyls, batteries or any other hazardous or toxic material, wastes and pollutants which are defined, determined or classified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any lab personal analysis client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and price lists.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of completion of the work the services were rendered or work was commenced and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients. To establish a history of payment and/or credit, accounts may be established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by law, any amounts unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are turned over for collection and/or are referred to attorneys for suit, proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedures or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client's authorized representative. Provided that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is acquiring services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not transmitted, or shall be used to relied upon, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the updating, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 2pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client of request. For analytes with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. For short holding times, 7-7 days, samples must be at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less therefore must be delivered that same day to insure to guarantee holding times are met. After hours, late deliveries, weight complaints, delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods may be requested only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

NORTH COAST LABORATORIES LTD.

July 26, 2018

Pat-Chem Laboratories
1824 1st St.
San Fernando, CA 93340

Attn: Steve Jefferson

RE: 18F0589

Order No.: 1806532
Invoice No.: 140905
PO No.:
ELAP No.1247-Expires July 2018

SAMPLE IDENTIFICATION

Fraction	Client Sample Description
01A	EFF
01B	EFF
01C	EFF

ND = Not Detected at the Reporting Limit

Limit = Reporting Limit

Flag = Explanation in Case Narrative

All solid results are expressed on a wet-weight basis unless otherwise noted.

Approved for release by:

Roxanne Moore, Project Manager

Date: 26-Jul-2018
WorkOrder: 1806532

CASE NARRATIVE

THIS IS AN AMENDED REPORT- CHAIN HAS BEEN AMENDED - PROJECT NAME WAS CHANGED

EPA 549.2:
Diquat strongly adsorbs to soil particles that are suspended in water. The strong chemical bonds make the herbicide chemically inactive. When bound with soil particles, the extraction procedure for method EPA 549.2 is ineffective at isolating the bound diquat. Any reported diquat represents the dissolved analyte in the water that has not been bound to the soil particles.

Date: 26-Jul-2018
WorkOrder: 1806532

ANALYTICAL REPORT

Client Sample ID: EFF
Lab ID: 1806532-01A
Received: 7/2/2018
Collected: 6/28/2018 11:45

Test Name: Endothall
Reference: EPA 548.1

Parameter	Result	Flag	Limit	Units	DF	Extracted	Analyzed
Endothall	ND		45	µg/L	1.0	7/3/2018	7/5/2018
Surrogate: 2,3-D	92.9		78-117	% Rec	1.0	7/3/2018	7/5/2018

Client Sample ID: EFF
Lab ID: 1806532-01B
Received: 7/2/2018
Collected: 6/28/2018 11:45

Test Name: EPA 549.2
Reference: EPA 549.2

Parameter	Result	Flag	Limit	Units	DF	Extracted	Analyzed
Diquat (dissolved)	ND		0.40	µg/L	1.0	7/3/2018	7/8/2018

Client Sample ID: EFF
Lab ID: 1806532-01C
Received: 7/2/2018
Collected: 6/28/2018 11:45

Test Name: Glyphosate
Reference: EPA 547

Parameter	Result	Flag	Limit	Units	DF	Extracted	Analyzed
Glyphosate	ND		5.0	µg/L	1.0	7/2/2018	7/3/2018

North Coast Laboratories, Ltd.

Date: 7/11/2018

CLIENT: Pat-Chem Laboratories
Work Order: 1806532
Project: 18F0589

QC SUMMARY REPORT

Method Blank

Sample ID **MBLK-070218** Batch ID: **R96030** Test Code: **547W** Units: **µg/L** Analysis Date **7/2/2018 7:12:08 PM** Prep Date **7/2/2018**
Client ID: Run ID: **ORLC9_180702A** SeqNo: **1366370**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Glyphosate	ND	5.0									

Sample ID **MB-36239** Batch ID: **36239** Test Code: **548W** Units: **µg/L** Analysis Date **7/5/2018 7:26:49 PM** Prep Date **7/3/2018**
Client ID: Run ID: **ORGC14_180705A** SeqNo: **1366346**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Endothall	ND	45									
Surrogate: 2,3-D	253	0.10	250	0	101%	78	117	0			

Sample ID **MB-36245** Batch ID: **36245** Test Code: **549W** Units: **µg/L** Analysis Date **7/8/2018 4:29:14 PM** Prep Date **7/3/2018**
Client ID: Run ID: **ORLC2_180708A** SeqNo: **1366781**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diquat (dissolved)	ND	0.40									

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

North Coast Laboratories, Ltd.

Date: 7/11/2018

CLIENT: Pat-Chem Laboratories
Work Order: 1806532
Project: 18F0589

QC SUMMARY REPORT

Laboratory Control Spike

Sample ID **LCS-070218** Batch ID: **R96030** Test Code: **547W** Units: **µg/L** Analysis Date **7/2/2018 7:33:53 PM** Prep Date **7/2/2018**
Client ID: Run ID: **ORLC9_180702A** SeqNo: **1366371**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Glyphosate	49.67	5.0	50.0	0	99.3%	80	118	0			

Sample ID **LCSD-070218** Batch ID: **R96030** Test Code: **547W** Units: **µg/L** Analysis Date **7/2/2018 7:55:39 PM** Prep Date **7/2/2018**
Client ID: Run ID: **ORLC9_180702A** SeqNo: **1366372**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Glyphosate	50.43	5.0	50.0	0	101%	80	118	49.7	1.50%	30	

Sample ID **LCS-36239** Batch ID: **36239** Test Code: **548W** Units: **µg/L** Analysis Date **7/5/2018 7:48:58 PM** Prep Date **7/3/2018**
Client ID: Run ID: **ORGC14_180705A** SeqNo: **1366347**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Endothall	225.7	45	225	0	100%	61	114	0			
Surrogate: 2,3-D	267	0.10	250	0	107%	78	117	0			

Sample ID **LCSD-36239** Batch ID: **36239** Test Code: **548W** Units: **µg/L** Analysis Date **7/5/2018 8:11:13 PM** Prep Date **7/3/2018**
Client ID: Run ID: **ORGC14_180705A** SeqNo: **1366348**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Endothall	230.0	45	225	0	102%	61	114	226	1.87%	30	
Surrogate: 2,3-D	266	0.10	250	0	106%	78	117	267	0.154%	30	

Sample ID **LCS-36245** Batch ID: **36245** Test Code: **549W** Units: **µg/L** Analysis Date **7/8/2018 5:05:13 PM** Prep Date **7/3/2018**
Client ID: Run ID: **ORLC2_180708A** SeqNo: **1366782**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diquat (dissolved)	1.491	0.40	2.00	0	74.5%	70	130	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Pat-Chem Laboratories
Work Order: 1806532
Project: 18F0589

QC SUMMARY REPORT
Laboratory Control Spike Duplicate

Sample ID **LCSD-36245** Batch ID: **36245** Test Code: **549W** Units: **µg/L** Analysis Date **7/8/2018 5:41:04 PM** Prep Date **7/3/2018**
Client ID: Run ID: **ORLC2_180708A** SeqNo: **1366783**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diquat (dissolved)	1.593	0.40	2.00	0	79.7%	70	130	1.49	6.64%	30	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (805) 532-0012
Fax (805) 532-0016

Environmental Sample

1806532
18FO598
~~18FD589~~
(004) SKD7-26-18

Sample I.D.#:

Customer: Pat-Chem Laboratories		Project :
Address: 1824 1st St.	Sampled by: Customer	P.O. #:
San Fernando CA 91340	Report Attention: Steve Jefferson	Phone #: 818-639-5300

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	6/28/18	1145	1	548 Endothall	Grab	AQ	1L G	4°C	
			1	549 Diquat	Grab	AQ	1L G	4°C	
			1	Glyphosate	Grab	AQ	1L G	4°C	
5-DAY RUSH									

Signature	Print Name (Company)	Date	Time
Relinquished by	Pluto	6/28/18	1500
Received by Jessica Silberman	Jessica Silberman	7/2/18	10:10
Relinquished by			
Received by			
Relinquished by			
Received in lab by			

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	**HC** - HCl
Comp	**HS** - H_2SO_4
Matrix	**HN** - HNO_3
AQ - Water	**HP** - H_3PO_4
SO -Soil / Sludge	**OH** - NaOH
OT - Other	**ST** - Sodium Thiosulfate
Bottle Type	**AA** - Ascorbic Acid
P - Plastic	**Al** - $AlCl_3$
G - Amber Glass	**Cu** -$CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 6/1/17

5.8°C

* 7-day rush as per Theresa
-jz 7/2/18

CERES Analytical Laboratory, Inc.
4919 Windplay Dr. Suite 1, El Dorado Hills, CA 95762

July 10, 2018

Ceres ID: 12175

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

The following report contains the results for the one aqueous sample received on July 3, 2018. This sample was analyzed for 2,3,7,8-TCDD by EPA 1613B. Rush 5-day turn-around time was provided for this work.

This work was authorized under Pat-Chem Laboratories' Project # 18F0598.

The report consists of a Cover Letter, Sample Inventory (Section I), Data Summary (Section II), Sample Tracking (Section VI), and Qualifiers/Abbreviations (Section VII). Raw Data (Section III), Continuing Calibration (Section IV), and Initial Calibration (Section V) are available in a full report (.pdf format) upon request.

If you have any questions regarding this report, please feel free to contact me at (916)932-5011.

Sincerely,



James M. Hedin
Director of Operations/CEO
jhedin@ceres-lab.com

Section I: Sample Inventory

Ceres Sample ID:	Sample ID	Date Received	Collection Date	&Time
12175-001	EFF 18F0598	7/3/2018	6/28/2018	11:45

Section II: Data Summary

CERES Analytical Laboratory, Inc.
4919 Windplay Dr. Suite 1, El Dorado Hills, CA 95762

EPA Method 1613B

Quality Assurance Sample **Method Blank**	**QC Batch #:** 1815	**Date Received:** NA
	Matrix: Aqueous	**Date Extracted:** 7/6/2018
Project ID: 18F0598	**Sample Size:** 1.000 L	**ZB-5MS Analysis:** 7/7/2018

Analyte	Conc. (pg/L)	MDL	RL	Qual.	Labeled Standards	% R	LCL-UCL (a)	Qualifiers
2,3,7,8-TCDD	DL= 4.54	1.49	5.00		13C-2378-TCDD	91.8	31-137	
					CRS			
					37Cl4-2378-TCDD	92.0	35-197	

DL - Signifies Non-Detect (ND) at sample specific detection limit.
EMPC - Estimated Maximum Possible Concentration due to ion abundance ratio failure.
(a) - Lower control limit - Upper control limit

Analyst: JMH **Reviewed by: BS**

CERES Analytical Laboratory, Inc.
4919 Windplay Dr. Suite 1, El Dorado Hills, CA 95762

EPA Method 1613B

Quality Assurance Sample **Ongoing Precision and Recovery**		**Date Received:** NA
	QC Batch #: 1815	**Date Extracted:** 7/6/2018
	Matrix: Aqueous	**ZB-5MS Analysis:** 7/7/2018
Project ID: 18F0598	**Sample Size:** 1.000 L	

Analyte	Conc. (ng/mL)	Limits (a)	Labeled Standards	% Rec.	Limits (a)
2,3,7,8-TCDD	9.19	7.3-14.6	13C-2378-TCDD	63.1	25-141
			CRS		
			37Cl4-2378-TCDD	61.1	37-158

(a) Limits based on method acceptance criteria.

Analyst: JMH **Reviewed by: BS**

CERES Analytical Laboratory, Inc.
4919 Windplay Dr. Suite 1, El Dorado Hills, CA 95762

EPA Method 1613B

Client Sample ID: EFF 18F0598		
Project ID: 18F0598	**Ceres Sample ID:** 12175-001	**Date Received:** 7/3/2018
	QC Batch #: 1815	**Date Extracted:** 7/6/2018
Date Collected: 6/28/2018	**Matrix:** Aqueous	**ZB-5MS Analysis:** 7/7/2018
Time Collected: 11:45	**Sample Size:** 0.953 L	

Analyte	Conc. (pg/L)	MDL	RL	Qual.	Labeled Standards	% R	LCL-UCL (a)	Qualifiers
2,3,7,8-TCDD	DL= 4.00	1.49	5.25		13C-2378-TCDD	77.2	31-137	
					CRS			
					37Cl4-2378-TCDD	80.2	42-164	

DL - Signifies Non-Detect (ND) at sample specific detection limit.
EMPC - Estimated Maximum Possible Concentration due to ion abundance ratio failure.
(a) - Lower control limit - Upper control limit

Analyst: JMH **Reviewed by: BS**

Section VI: Sample Tracking

12175

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (805) 532-0012
Fax (805) 532-0016

Environmental Sample

Sample I.D.#: 18F0548

Customer: Pat-Chem Laboratories		Project :	
Address: 1824 1st St.		Sampled by: Customer	P.O. #:
San Fernando	CA 91340	Report Attention: Steve Jefferson	Phone #: 818-639-5300

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	6/28/18	1145	1	Dioxins 2,3,7,8, TCCD	Grab	AQ	1L G	4°C	
5-DAY RUSH									

Signature	Print Name (Company)	Date	Time
Relinquished by		6/28/18	1500
Received by	Hedin	7/3/18	9:48
Relinquished by			
Received by			
Relinquished by			
Received in lab by			

Sample Received Checklist 4°C

Temperature upon receipt: _____

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu -$CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 6/1/17

July 26, 2018

Pat-Chem Laboratories
1824 1st St
San Fernando, CA 91340

Lab ID : SP 1808558
Customer : 2-12670

Laboratory Report

Introduction: This report package contains total of 7 pages divided into 3 sections:

Case Narrative	(2 pages)	: An overview of the work performed at FGL.
Sample Results	(2 pages)	: Results for each sample submitted.
Quality Control	(3 pages)	: Supporting Quality Control (QC) results.

Case Narrative

This Case Narrative pertains to the following samples:

Sample Description	Date Sampled	Date Received	FGL Lab ID #	Matrix
EFF	06/28/2018	06/29/2018	SP 1808558-001	WW

Sampling and Receipt Information: All samples were received in acceptable condition and within temperature requirements, unless noted on the Condition Upon Receipt (CUR) form. All samples arrived on ice. All samples were prepared and analyzed within the method specified hold time. All samples were checked for pH if acid or base preservation is required (except for VOAs). For details of sample receipt information, please see the attached Chain of Custody and Condition Upon Receipt Form.

Quality Control: All samples were prepared and analyzed according to the following tables:

Inorganic - Metals QC

245.1	06/29/2018:209504 All analysis quality controls are within established criteria.
	06/29/2018:207627 All preparation quality controls are within established criteria.

Radio QC

900.0	07/09/2018:209781 All analysis quality controls are within established criteria.
	07/05/2018:207829 All preparation quality controls are within established criteria, except: The following note applies to Gross Beta: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery. The following note applies to Gross Beta: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.

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CA ELAP Certification No. 2810

July 26, 2018 Lab ID : SP 1808558
Pat-Chem Laboratories Customer : 2-12670

Radio QC

903.0	07/13/2018:210045 All analysis quality controls are within established criteria.
	07/05/2018:207863 All preparation quality controls are within established criteria.
905.0	07/10/2018:209934 All analysis quality controls are within established criteria.
	07/02/2018:207714 All preparation quality controls are within established criteria.
906.0	07/13/2018:210043 All analysis quality controls are within established criteria.
	07/12/2018:208112 All preparation quality controls are within established criteria.
908.0	07/13/2018:210074 All analysis quality controls are within established criteria.
	07/05/2018:207841 All preparation quality controls are within established criteria.
Ra - 05	07/11/2018:210010 All analysis quality controls are within established criteria.
	07/07/2018:207715 All preparation quality controls are within established criteria.

Inorganic - Wet Chemistry QC

314.0	07/05/2018:209731 All analysis quality controls are within established criteria.
	07/05/2018:207914 All preparation quality controls are within established criteria.

Certification:: I certify that this data package is in compliance with ELAP standards, both technically and for completeness, except for any conditions listed above. Release of the data contained in this data package is authorized by the Laboratory Director or his designee, as verified by the following electronic signature.

KD:SVH

Approved By **Kelly A. Dunnahoo, B.S.** Digitally signed by Kelly A. Dunnahoo, B.S.
Title: Laboratory Director
Date: 2018-07-26

July 26, 2018

Pat-Chem Laboratories
1824 1st St
San Fernando, CA 91340

Description : EFF
Project : 18F0598

Lab ID : SP 1808558-001
Customer ID : 2-12670

Sampled On : June 28, 2018-11:45
Sampled By : Customer
Received On : June 29, 2018-09:17
Matrix : Waste Water

Sample Result - Inorganic

Constituent	Result	PQL	Units	Note	Sample Preparation Method	Sample Preparation Date/ID	Sample Analysis Method	Sample Analysis Date/ID
Metals, Total								
Mercury	ND	0.00002	mg/L		245.1	06/29/18:207627	245.1	06/29/18:209504
Wet Chemistry								
Perchlorate	ND	2	ug/L		314.0	07/05/18:207914	314.0	07/05/18:209731

ND=Non-Detected. PQL=Practical Quantitation Limit. * PQL adjusted for dilution.

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July 26, 2018

Pat-Chem Laboratories
1824 1st St
San Fernando, CA 91340

Description : EFF
Project : 18F0598

Lab ID : SP 1808558-001
Customer ID : 2-12670

Sampled On : June 28, 2018-11:45
Sampled By : Customer
Received On : June 29, 2018-09:17
Matrix : Waste Water

Sample Result - Radio

Constituent	Result ± Error	MDA	Units	MCL/AL	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
Radio Chemistry								
Gross Alpha	2.99 ± 1.11	1.22	pCi/L		900.0	07/05/18-11:00 2P1807829	900.0	07/09/18-14:14 2A1809781
Gross Beta	7.83 ± 2.33	1.72	pCi/L		900.0	07/05/18-11:00 2P1807829	900.0	07/09/18-14:14 2A1809781
Strontium 90	0.000 ± 0.176	0.546	pCi/L		905.0	07/02/18-17:30 2P1807714	905.0	07/10/18-18:40 2A1809934
Total Alpha Radium (226)	0.034 ± 0.083	0.322	pCi/L		903.0	07/05/18-18:30 2P1807863	903.0	07/13/18-11:19 2A1810045
Tritium	0.000 ± 261	434	pCi/L		906.0	07/12/18-16:00 2P1808112	906.0	07/13/18-05:26 2A1810043
Uranium	1.89 ± 1.08	0.470	pCi/L		908.0	07/05/18-18:00 2P1807841	908.0	07/13/18-13:50 2A1810074
Ra 228	0.631 ± 0.781	0.506	pCi/L		Ra - 05	07/07/18-18:00 2P1807715	Ra - 05	07/11/18-18:40 2A1810010

ND=Non-Detected. PQL=Practical Quantitation Limit. * PQL adjusted for dilution.

MDA = Minimum Detectable Activity (Calculated at the 95% confidence level) = Data utilized by DHS to determine matrix interference.
MCL / AL = Maximum Contamination Level / Action Level. Alpha's Action Level of 5 pCi/L is based on the Assigned Value (AV).
AV = Assigned Value(Gross Alpha Result + (0.84 x Error)). CCR Section 64442: Drinking Water Compliance Note: Do the following
If Gross Alpha's (AV) exceeds 5 pCi/L run Uranium. If Gross Alpha's (AV) minus Uranium exceeds 5 pCi/L run Radium 226.

Drinking Water Compliance:
Gross Alpha (AV) minus Uranium is less than or equal to 15 pCi/L
Uranium is less than or equal to 20 pCi/L
Radium 226 + Radium 228 is less than or equal to 5 pCi/L

Note: Samples are held for 3-6 months prior to disposal.

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July 26, 2018 Lab ID : SP 1808558
Pat-Chem Laboratories Customer : 2-12670

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals								
Mercury	245.1	06/29/18:207627amb	Blank	ug/L		ND	<0.02	
			LCS	ug/L	0.2000	101 %	85-115	
			MS	ug/L	0.2000	107 %	75-125	
		(SP 1808558-001)	MSD	ug/L	0.2000	118 %	75-125	
			MSRPD	ug/L	0.2000	9.7%	≤20	
	245.1	06/29/18:209504AC	CCV	ppt	200.0	103 %	90-110	
			CCB	ppt		-2.5	20	
			CCV	ppt	200.0	108 %	90-110	
			CCB	ppt		-3.0	20	
Wet Chem								
Perchlorate	314.0	07/05/18:207914MCA	Blank	ug/L		ND	<2	
			LCS	ug/L	25.00	104 %	85-115	
			MS	ug/L	25.00	85.5 %	80-120	
		(SP 1808479-001)	MSD	ug/L	25.00	85.0 %	80-120	
			MSRPD	ug/L	25.00	0.6%	≤15	
	314.0	07/05/18:209731MCA	ICB	ppb		0.00	2.0	
			ICV	ppb	2.000	107 %	85-115	
			CCB	ppb		0.00	2.0	
			CCV	ppb	10.00	108 %	85-115	

Definition

ICV	: Initial Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
ICB	: Initial Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
CCV	: Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
CCB	: Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
Blank	: Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
LCS	: Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.
MS	: Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
MSD	: Matrix Spike Duplicate of MS/MSD pair - A random sample duplicate is spiked with a known amount of analyted. The recoveries are an indication of how that sample matrix affects analyte recovery.
MSRPD	: MS/MSD Relative Percent Difference (RPD) - The MS relative percent difference is an indication of precision for the preparation and analysis.
ND	: Non-detect - Result was below the DQO listed for the analyte.
DQO	: Data Quality Objective - This is the criteria against which the quality control data is compared.

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CA ELAP Certification No. 2810

July 26, 2018 Lab ID : SP 1808558
Pat-Chem Laboratories Customer : 2-12670

Quality Control - Radio

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Radio								
Alpha	900.0	07/09/18:209781AAT	CCV	cpm	8476	41.2 %	35-47	
			CCB	cpm		0.1200	0.21	
Beta	900.0	07/09/18:209781AAT	CCV	cpm	8476	88.3 %	83-94	
			CCB	cpm		0.3800	0.51	
Gross Alpha	900.0	07/05/18:207829iwc	Blank	pCi/L		0.77	3	
			LCS	pCi/L	93.94	100 %	75-125	
			MS	pCi/L	93.94	109 %	60-140	
		(SP 1807634-001)	MSD	pCi/L	93.94	79.5 %	60-140	
			MSRPD	pCi/L	93.94	28.9%	≤30	
Gross Beta	900.0	07/05/18:207829iwc	Blank	pCi/L		0.11	4	
			LCS	pCi/L	69.98	110 %	84-160	
			MS	pCi/L	69.98	77.0 %	80-130	435
		(SP 1807634-001)	MSD	pCi/L	69.98	141 %	80-130	435
			MSRPD	pCi/L	93.94	51.9%	≤30	435
Alpha	903.0	07/13/18:210045AAT	CCV	cpm	8109	40.7 %	37-46	
			CCB	cpm		0.0800	0.16	
Total Alpha Radium (226)	903.0	07/05/18:207863emv	RgBlk	pCi/L		0.008	2	
			LCS	pCi/L	24.20	67.8 %	52-107	
			BS	pCi/L	24.20	66.5 %	43-111	
			BSD	pCi/L	24.20	62.6 %	43-111	
			BSRPD	pCi/L	24.20	6.0%	≤35.5	
Beta	905.0	07/10/18:209934emv	CCV	cpm	8475	88.1 %	85-93	
			CCB	cpm		0.3800	0.58	
Total Strontium	905.0	07/02/18:207714emv	RgBlk	pCi/L		0.14	2	
			LRS	pCi/L	17.88	133 %	53-133	
			BS	pCi/L	17.87	90.5 %	75-125	
			BSD	pCi/L	17.87	87.0 %	75-125	
			BSRPD	pCi/L	17.87	3.9%	≤20	
Tritium	906.0	07/12/18:208112aat	Blank	pCi/L		116	<300	
			LCS	pCi/L	1731	92.9 %	75-125	
			BS	pCi/L	1731	81.4 %	75-125	
			BSD	pCi/L	1731	87.3 %	75-125	
			BSRPD	pCi/L	1731	6.5%	≤25	
	906.0	07/13/18:210043aat	CCV	pCi/L	27180	100 %	90-110	
			CCB	pCi/L		137	500	
Alpha	908.0	07/13/18:210074AAT	CCV	cpm	8109	40.1 %	36-45	
			CCB	cpm		0.1200	0.16	
Uranium	908.0	07/05/18:207841aat	RgBlk	pCi/L		0.06	1	
			LRS	pCi/L	26.84	63.6 %	54-105	
			BS	pCi/L	26.84	107 %	75-125	
			BSD	pCi/L	26.84	101 %	75-125	
			BSRPD	pCi/L	26.84	5.4%	≤20	
Beta	Ra - 05	07/11/18:210010emv	CCV	cpm	8475	87.9 %	84-94	
			CCB	cpm		0.4400	0.58	
Ra 228	Ra - 05	07/07/18:207715emv	RgBlk	pCi/L		-0.10	3	
			LRS	pCi/L	32.18	74.2 %	65-108	
			BS	pCi/L	32.18	96.6 %	75-125	
			BSD	pCi/L	32.18	105 %	75-125	
			BSRPD	pCi/L	32.18	8.4%	≤25	

Definition

CCV	: Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
CCB	: Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
Blank	: Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
RgBlk	: Method Reagent Blank - Prepared to correct for any reagent contributions to sample result.
LCS	: Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.

July 26, 2018 Lab ID : SP 1808558

Pat-Chem Laboratories Customer : 2-12670

Quality Control - Radio

Definition	
LRS	: Laboratory Recovery Standard - Prepared to establish the batch recovery factor used in result calculations.
MS	: Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
MSD	: Matrix Spike Duplicate of MS/MSD pair - A random sample duplicate is spiked with a known amount of analyted. The recoveries are an indication of how that sample matrix affects analyte recovery.
BS	: Blank Spikes - A blank is spiked with a known amount of analyte. It is prepared to verify that the preparation process is not affecting analyte recovery.
BSD	: Blank Spike Duplicate of BS/BSD pair - A blank duplicate is spiked with a known amount of analyte. It is prepared to verify that the preparation process is not affecting analyte recovery.
MSRPD	: MS/MSD Relative Percent Difference (RPD) - The MS relative percent difference is an indication of precision for the preparation and analysis.
BSRPD	: BS/BSD Relative Percent Difference (RPD) - The BS relative percent difference is an indication of precision for the preparation and analysis.
ND	: Non-detect - Result was below the DQO listed for the analyte.
DQO	: Data Quality Objective - This is the criteria against which the quality control data is compared.
Explanation	
435	: Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.

LA Testing
520 Mission Street South Pasadena, CA 91030
Phone/Fax: (323) 254-9960 / (323) 254-9982
http://www.LATesting.com / pasadenalab@latesting.com

LA Testing Order ID: 321814981
Customer ID: PTCM42
Customer PO:
Project ID:

Attn: Steve Jefferson
Pat Chem Laboratories
1824 1st St
San Fernando, CA 91340

Phone: (805) 532-0012
Fax:
Collected: 06/28/2018
Received: 07/02/2018
Analyzed: 07/09/2018

Proj: 18F0598

Test Report: Determination of Asbestos Structures >10µm in Drinking Water Performed by the 100.2 Method (EPA 600/R-94/134)

Sample ID Client / EMSL	Sample Filtration Date/Time	Original Sample Vol. Filtered (ml)	Effective Filter Area (mm²)	Area Analyzed (mm²)	ASBESTOS Asbestos Types	Fibers Detected	Analytical Sensitivity	Concentration	Confidence Limits
								MFL (million fibers per liter)	
EFF 321814981-0001	7/2/2018 02:25 PM	100	1288	0.0645	None Detected	ND	0.20	<0.20	0.00 - 0.74

Sample ozonated prior to analysis due to lab receipt time exceeding 48hr method hold time.

Analyst(s)
Feng Liang (1)

Jerry Drapala Ph.D, Laboratory Manager
or Other Approved Signatory

Any questions please contact Jerry Drapala.

Initial report from: 07/09/2018 18:59:13

Sample collection and containers provided by the client, acceptable bottle blank level is defined as ≤0.01MFL>10um. ND=None Detected. This report relates only to those items tested. This report may not be reproduced, except in full, without written permission by LA Testing. Samples received in good condition unless otherwise noted.

Samples analyzed by LA Testing South Pasadena, CA CA ELAP 2283

PAT-CHEM LABORATORIES
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Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 27-Jul-18 10:05
Subject: (MCC) Quarterly

Project/P.O.#: (MCC) Quarterly

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0598-01) Collected: 28-Jun-18 By IPC						
Silver	EPA 200.8	AF82918	0.2	05-Jul-18 (AF)	<0.2 ug/l	
Aluminum	EPA 200.8	AF82918	5.0	05-Jul-18 (AF)	95 ug/l	
Arsenic	EPA 200.8	AF82918	0.5	05-Jul-18 (AF)	1.1 ug/l	
Barium	EPA 200.8	AF82918	0.5	05-Jul-18 (AF)	17 ug/l	
Beryllium	EPA 200.8	AF82918	0.2	05-Jul-18 (AF)	<0.2 ug/l	
Cadmium	EPA 200.8	AF82918	0.2	05-Jul-18 (AF)	<0.2 ug/l	
Chromium	EPA 200.8	AF82918	0.2	05-Jul-18 (AF)	5.6 ug/l	
Copper	EPA 200.8	AF82918	0.2	05-Jul-18 (AF)	1.2 ug/l	
Iron	EPA 200.7	AF82908	0.02	03-Jul-18 (AF)	<0.02 mg/l	
Mercury	EPA 245.1	AG81018	0.20	10-Jul-18 (AF)	<0.20 ug/l	
Manganese	EPA 200.8	AF82918	0.5	05-Jul-18 (AF)	3.4 ug/l	
Nickel	EPA 200.8	AF82918	0.5	05-Jul-18 (AF)	4.2 ug/l	
Lead	EPA 200.8	AF82918	0.2	05-Jul-18 (AF)	<0.2 ug/l	
Antimony	EPA 200.8	AF82918	1.0	05-Jul-18 (AF)	<1.0 ug/l	
Selenium	EPA 200.8	AF82918	2.0	05-Jul-18 (AF)	3.2 ug/l	
Thallium	EPA 200.8	AF82918	1.0	05-Jul-18 (AF)	<1.0 ug/l	
Uranium	EPA 200.8	AF82918	1.0	05-Jul-18 (AF)	3.3 ug/l	
Zinc	EPA 200.8	AF82918	1.0	05-Jul-18 (AF)	12 ug/l	
1,2-Dibromoethane (EDB)	EPA 504.1	AG81135	0.02	11-Jul-18 (SJ)	<0.02 ug/l	
1,2-Dibromo-3-Chloropropane (DBCP)	EPA 504.1	AG81135	0.01	11-Jul-18 (SJ)	<0.01 ug/l	
Bis(2-ethylhexyl)phthalate	EPA 506	AG80229	2.0	05-Jul-18 (SJ)	<2.0 ug/l	
Bis(2-ethylhexyl)adipate	EPA 506	AG80229	2.0	05-Jul-18 (SJ)	<2.0 ug/l	
Surrogate: o-Terphenyl	*EPA 506*	*AG80229*		*05-Jul-18 (SJ)*	*50.5 % (50-120)*	
Alachlor	EPA 507	AF82914	0.2	05-Jul-18 (SJ)	<0.2 ug/l	
Atrazine	EPA 507	AF82914	0.2	05-Jul-18 (SJ)	<0.2 ug/l	
Molinate	EPA 507	AF82914	0.2	05-Jul-18 (SJ)	<0.2 ug/l	
Simazine	EPA 507	AF82914	0.2	05-Jul-18 (SJ)	<0.2 ug/l	
Thiobencarb (Bolero)	EPA 507	AF82914	0.2	05-Jul-18 (SJ)	<0.2 ug/l	

Respectfully Submitted,

Steve Jefferson 7/27/2018
Laboratory Director

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PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0598-01) Collected: 28-Jun-18 By IPC						
Surrogate: 1,3-Dimethyl-2-nitrobenzei	*EPA 507*	*AF82914*		*05-Jul-18 (SJ)*	*54.3 % (40-120)*	
Gamma-BHC(Lindane)	EPA 508	AF82907	0.01	05-Jul-18 (SJ)	<0.01 ug/l	
Heptachlor	EPA 508	AF82907	0.01	05-Jul-18 (SJ)	<0.01 ug/l	
Heptachlor Epoxide	EPA 508	AF82907	0.01	05-Jul-18 (SJ)	<0.01 ug/l	
Endrin	EPA 508	AF82907	0.01	05-Jul-18 (SJ)	<0.01 ug/l	
Methoxychlor	EPA 508	AF82907	0.05	05-Jul-18 (SJ)	<0.05 ug/l	
Hexachlorocyclopentadiene	EPA 508	AF82907	1.0	05-Jul-18 (SJ)	<1.0 ug/l	
Hexachlorobenzene	EPA 508	AF82907	0.5	05-Jul-18 (SJ)	<0.5 ug/l	
Chlordane	EPA 508	AF82907	0.1	05-Jul-18 (SJ)	<0.1 ug/l	
Toxaphene	EPA 508	AF82907	0.5	05-Jul-18 (SJ)	<0.5 ug/l	
Aroclor 1016	EPA 508	AF82907	0.5	05-Jul-18 (SJ)	<0.5 ug/l	
Aroclor 1221	EPA 508	AF82907	0.5	05-Jul-18 (SJ)	<0.5 ug/l	
Aroclor 1232	EPA 508	AF82907	0.5	05-Jul-18 (SJ)	<0.5 ug/l	
Aroclor 1242	EPA 508	AF82907	0.5	05-Jul-18 (SJ)	<0.5 ug/l	
Aroclor 1248	EPA 508	AF82907	0.5	05-Jul-18 (SJ)	<0.5 ug/l	
Aroclor 1254	EPA 508	AF82907	0.5	05-Jul-18 (SJ)	<0.5 ug/l	
Aroclor 1260	EPA 508	AF82907	0.5	05-Jul-18 (SJ)	<0.5 ug/l	
Surrogate: Tetrachloro-m-xylene	*EPA 508*	*AF82907*		*05-Jul-18 (SJ)*	*51.0 % (50-120)*	
Surrogate: Decachlorobiphenyl	*EPA 508*	*AF82907*		*05-Jul-18 (SJ)*	*85.0 % (50-120)*	
Bentazon	EPA 515.1	AG80236	0.2	10-Jul-18 (SJ)	<0.2 ug/l	
2,4-D	EPA 515.1	AG80236	0.2	10-Jul-18 (SJ)	<0.2 ug/l	
Dalapon	EPA 515.1	AG80236	2.0	10-Jul-18 (SJ)	<2.0 ug/l	
Dinoseb	EPA 515.1	AG80236	0.2	10-Jul-18 (SJ)	<0.2 ug/l	
Pentachlorophenol (PCP)	EPA 515.1	AG80236	0.2	10-Jul-18 (SJ)	<0.2 ug/l	
Picloram	EPA 515.1	AG80236	0.2	10-Jul-18 (SJ)	<0.2 ug/l	
2,4,5-TP	EPA 515.1	AG80236	0.2	10-Jul-18 (SJ)	<0.2 ug/l	
Surrogate: 2,4-DCAA	*EPA 515.1*	*AG80236*		*10-Jul-18 (SJ)*	*69.3 % (60-140)*	

Respectfully Submitted,

Steve Jefferson 7/27/2018
Laboratory Director

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Project/P.O.#: (MCC) Quarterly

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0598-01) Collected: 28-Jun-18 By IPC						
Benzene	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
Bromodichloromethane	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
Bromoform	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
Carbon tetrachloride	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
c-1,2-Dicholoroethene	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
Chlorobenzene	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
Chloroform	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
Dibromochloromethane	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
1,2-Dichlorobenzene	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
1,4-Dichlorobenzene	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
1,2-Dichloroethane	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
1,1-Dichloroethane	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
1,3-Dichloropropane	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
1,2-Dichloropropane	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
Ethylbenzene	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
Methyl tert-butyl ether	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
Methylene chloride	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
Styrene	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
t-1,2-Dichloroethene	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
1,1,2,2-Tetrachloroethane	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
Tetrachloroethene	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
Toluene	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
1,2,4-Trichlorobenzene	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
1,1,1-Trichloroethane	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
1,1,2-Trichloroethane	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
Trichloroethene	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
Trichlorofluoromethane (Freon 11)	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
1,1,2-Trichloro-1,2,2-trifluoroethane	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
Vinyl chloride	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	

Respectfully Submitted,



Steve Jefferson 7/27/2018
Laboratory Director

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Project/P.O.#: (MCC) Quarterly

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0598-01) Collected: 28-Jun-18 By IPC						
o-Xylene	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
m,p-Xylene	EPA 524.2	AG81029	1.0	11-Jul-18 (SJ)	<1.0 ug/l	
Surrogate: Dibromofluoromethane	*EPA 524.2*	*AG81029*		*11-Jul-18 (SJ)*	*102 % (80-120)*	
Surrogate: Toluene-d8	*EPA 524.2*	*AG81029*		*11-Jul-18 (SJ)*	*97.2 % (80-120)*	
Surrogate: Bromofluorobenzene	*EPA 524.2*	*AG81029*		*11-Jul-18 (SJ)*	*90.6 % (80-120)*	
Carbofuran	EPA 632	AG80322	0.5	12-Jul-18 (SJ)	<0.5 ug/l	
Oxamyl	EPA 632	AG80322	1.0	12-Jul-18 (SJ)	<1.0 ug/l	
Chloroacetic Acid	EPA 552.2	AG81227	1.0	13-Jul-18 (SJ)	<1.0 ug/l	
Bromoacetic Acid	EPA 552.2	AG81227	1.0	13-Jul-18 (SJ)	3.1 ug/l	
Dichloroacetic Acid	EPA 552.2	AG81227	1.0	13-Jul-18 (SJ)	<1.0 ug/l	
Trichloroacetic Acid	EPA 552.2	AG81227	1.0	13-Jul-18 (SJ)	<1.0 ug/l	
Dibromoacetic Acid	EPA 552.2	AG81227	10.0	13-Jul-18 (SJ)	31.8 ug/l	
Haloacetic Acids (HAA5)	EPA 552.2	AG81227	1.0	13-Jul-18 (SJ)	34.9 ug/l	
Surrogate: 2,3-Dibromopropionic Acid	*EPA 552.2*	*AG81227*		*13-Jul-18 (SJ)*	*127 % (60-140)*	
Naphthalene	EPA 550	AG80240	0.05	13-Jul-18 (SJ)	<0.05 ug/l	
Acenaphthylene	EPA 550	AG80240	0.05	13-Jul-18 (SJ)	<0.05 ug/l	
Acenaphthene	EPA 550	AG80240	0.05	13-Jul-18 (SJ)	<0.05 ug/l	
Fluorene	EPA 550	AG80240	0.05	13-Jul-18 (SJ)	<0.05 ug/l	
Phenanthrene	EPA 550	AG80240	0.05	13-Jul-18 (SJ)	<0.05 ug/l	
Anthracene	EPA 550	AG80240	0.05	13-Jul-18 (SJ)	<0.05 ug/l	
Fluoranthene	EPA 550	AG80240	0.05	13-Jul-18 (SJ)	<0.05 ug/l	
Pyrene	EPA 550	AG80240	0.05	13-Jul-18 (SJ)	<0.05 ug/l	
Benzo (a) anthracene	EPA 550	AG80240	0.05	13-Jul-18 (SJ)	<0.05 ug/l	
Chrysene	EPA 550	AG80240	0.05	13-Jul-18 (SJ)	<0.05 ug/l	
Benzo (b) fluoranthene	EPA 550	AG80240	0.05	13-Jul-18 (SJ)	<0.05 ug/l	
Benzo (k) fluoranthene	EPA 550	AG80240	0.05	13-Jul-18 (SJ)	<0.05 ug/l	
Benzo (a) pyrene	EPA 550	AG80240	0.05	13-Jul-18 (SJ)	<0.05 ug/l	
Dibenz (a,h) anthracene	EPA 550	AG80240	0.05	13-Jul-18 (SJ)	<0.05 ug/l	
Benzo (g,h,i) perylene	EPA 550	AG80240	0.05	13-Jul-18 (SJ)	<0.05 ug/l	

Respectfully Submitted,

Steve Jefferson 7/27/2018
Laboratory Director

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PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0598-01) Collected: 28-Jun-18 By IPC						
Indeno (1,2,3-cd) pyrene	EPA 550	AG80240	0.05	13-Jul-18 (SJ)	<0.05 ug/l	
Surrogate: Decafluorobiphenyl	*EPA 550*	*AG80240*		*13-Jul-18 (SJ)*	*60.7 % (45-120)*	
Cyanide (total)	SM 4500-CN-E	AG80318	0.005	03-Jul-18 (SGS)	<0.005 mg/l	
MBAS	SM 5540C	AF82906	0.20	29-Jun-18 (PL)	<0.20 mg/l	
Color	SM 2120 C	AF82905	5.0	29-Jun-18 (LA)	29.6 CU	
Odor	SM 2150B	AG80324	1	28-Jun-18 (SJ)	<1 T.O.N.	
Bromate	EPA 300.0	AG81137	5.0	12-Jul-18 (SJ)	<5.0 ug/l	
Chlorite	EPA 300.0	AG81130	20.0	11-Jul-18 (SJ)	<20.0 ug/l	
Fluoride	EPA 300.0	AG80244	0.10	05-Jul-18 (PL)	1.05 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 7/27/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1805798

Customer: IPC, Inc.		Project : **(MCC) Quarterly EFF**	
Address: 9297 Research Drive		Sampled by: Golan Kfir	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	6/28/18	11:45	1	Ag, Al, Sb, As, Ba, Be, Cd, Cr, Cu, Fe, ~~Mg, Hg, Ni, Se, Tl, Zn~~	Grab	AQ	1L P	HN	
	〃	〃	1	F, Bromate, Chlorite, Color, Odor, pH	Grab	AQ	1L P	4°C	
	〃	〃	1	CN	Grab	AQ	250 P	OH, ~~AA~~	
	〃	〃	1	MBAS	Grab	AQ	500 P	4°C	
	〃	〃	1	Perchlorate	Grab	AQ	500 P	4°C	
	〃	〃	8	524, 504, 552, 552.2,	Grab	AQ	VOA	4°C	
	〃	〃	6	507, 515, 632, 508, 550, 506,	Grab	AQ	1L G	4°C	
	〃	〃	5	Asbestos, Diquat, Endothall, Glphosate, ~~Dioxon- 2,3,7,8 TCCD~~	Grab	AQ	1L G	4°C	
	〃	〃	6	Radioactive - Radium-226 & 228,Gross ~~Alpha, Gross Beta, Strontium-90 Tritium,~~	Grab	AQ	1L G	4°C	
	〃	〃	1	Uranium	Grab	AQ	1L G	4°C	

Signature	Print Name (Company)	Date	Time
Relinquished by GL	Golan IPC	6/28/18	
Received by	C-Tafur PCL	6/28/18	1237
Relinquished by	C-Tafur PCL	6/28/18	1500
Received by			
Relinquished by			
Received in lab by		6/28/18	1527

Sample Received Checklist 4°C

Temperature upon receipt: _____

# of bottles agrees with COC? (Yes) No

Samples intact? (Yes) No

Samples properly preserved? (Yes) No

Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
(Grab) ~~Comp~~

Matrix
(AQ - Water)
SO -Soil / Sludge
OT - Other

Bottle Type
(P - Plastic)
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any addenda or amendments to such which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. All modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or its agent for compiling services constitutes the client's agreement as well to be governed by these terms and conditions. No conditions or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the foregoing conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the industry where applicable. PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), 24 Watershield (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the scope and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the samples strictly proprietary to Client or of Client's request and the results returned by PCL or its agent or subcontractors (unless such information is generally available to the public or is the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for inadvertent disclosure of proprietary information obtained from PCL reports and information provided herein and for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client without disclosure to any third party any information concerning technical know-how, processes or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and related expenses including, but not limited to, attorney's fees (the "Losses") asserted and/or payable owing in favor of Client or any third party as a result, and/or in any way occurring, incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or from correction, handling or disposal of client's hazardous materials, i.e. liquids, wastes or samples of persons, or loss of, damage to, loss of, or loss of use of property and/or 3. environmental of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages and/or claims caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to claims, damages, actions of every kind and character arising out of or in connection with the negligence or breach of contract by any Unidentified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the Client might have to PCL and the other Indemnified Persons. To the extent not covered under applicable law, Client agrees that its indemnification will be supported by available liability insurance coverage to be furnished by Client, which insurance shall be in the minimum amounts permitted under applicable law. In no event shall PCL be liable to Client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption, litigation expenses or other loss including, without limitation, attorney's fees, court costs, and/or pre or post judgment interest, or any other expenses or costs incurred by Client or any other party in any litigation arising or involving PCL or any Indemnified Person in connection with this agreement or all services provided under this agreement even if client or the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will review samples materials for analysis such as asbestos, polychlorinated biphenyls, batteries or any other hazardous or toxic material, wastes and pollutants which are defined, determined or classified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any lab personal analysis client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and price lists.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of completion of the work the services were rendered or work was commenced and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients. To establish a history of payment and/or credit, accounts may be established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by law, any amounts unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are turned over for collection and/or are referred to attorneys for suit, proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedures or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client's authorized representative. Provided that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is acquiring services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not transmitted, or shall be used to relied upon, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the updating, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 2pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client of request. For analytes with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. For short holding times, 7-7 days, samples must be at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less therefore must be delivered that same day to insure to guarantee holding times are met. After hours, late deliveries, weight complaints, delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods may be requested only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM LABORATORIES
QUALITY ANALYTICAL SERVICES SINCE 1987
1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 30-Oct-18 11:34
Subject: (MCC) Quarterly

Project/P.O.#: (MCC) Quarterly

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0598-01) Collected: 28-Jun-18 By IPC						
Silver	EPA 200.8	AF82918	0.2	05-Jul-18 (AF)	<0.2 ug/l	
Aluminum	EPA 200.8	AF82918	5.0	05-Jul-18 (AF)	95 ug/l	
Arsenic	EPA 200.8	AF82918	0.5	05-Jul-18 (AF)	1.1 ug/l	
Barium	EPA 200.8	AF82918	0.5	05-Jul-18 (AF)	17 ug/l	
Beryllium	EPA 200.8	AF82918	0.2	05-Jul-18 (AF)	<0.2 ug/l	
Cadmium	EPA 200.8	AF82918	0.2	05-Jul-18 (AF)	<0.2 ug/l	
Chromium	EPA 200.8	AF82918	0.2	05-Jul-18 (AF)	5.6 ug/l	
Copper	EPA 200.8	AF82918	0.2	05-Jul-18 (AF)	1.2 ug/l	
Iron	EPA 200.7	AF82908	0.02	03-Jul-18 (AF)	<0.02 mg/l	
Mercury	EPA 245.1	AG81018	0.20	10-Jul-18 (AF)	<0.20 ug/l	
Manganese	EPA 200.8	AF82918	0.5	05-Jul-18 (AF)	3.4 ug/l	
Nickel	EPA 200.8	AF82918	0.5	05-Jul-18 (AF)	4.2 ug/l	
Lead	EPA 200.8	AF82918	0.2	05-Jul-18 (AF)	<0.2 ug/l	
Antimony	EPA 200.8	AF82918	1.0	05-Jul-18 (AF)	<1.0 ug/l	
Selenium	EPA 200.8	AF82918	2.0	05-Jul-18 (AF)	3.2 ug/l	
Thallium	EPA 200.8	AF82918	1.0	05-Jul-18 (AF)	<1.0 ug/l	
Uranium	EPA 200.8	AF82918	1.0	05-Jul-18 (AF)	3.3 ug/l	
Zinc	EPA 200.8	AF82918	1.0	05-Jul-18 (AF)	12 ug/l	
1,2-Dibromoethane (EDB)	EPA 504.1	AG81135	0.02	11-Jul-18 (SJ)	<0.02 ug/l	
1,2-Dibromo-3-Chloropropane (DBCP)	EPA 504.1	AG81135	0.01	11-Jul-18 (SJ)	<0.01 ug/l	
Bis(2-ethylhexyl)phthalate	EPA 506	AG80229	2.0	05-Jul-18 (SJ)	<2.0 ug/l	
Bis(2-ethylhexyl)adipate	EPA 506	AG80229	2.0	05-Jul-18 (SJ)	<2.0 ug/l	
Surrogate: o-Terphenyl	*EPA 506*	*AG80229*		*05-Jul-18 (SJ)*	*50.5 % (50-120)*	
Alachlor	EPA 507	AF82914	0.2	05-Jul-18 (SJ)	<0.2 ug/l	
Atrazine	EPA 507	AF82914	0.2	05-Jul-18 (SJ)	<0.2 ug/l	
Molinate	EPA 507	AF82914	0.2	05-Jul-18 (SJ)	<0.2 ug/l	
Simazine	EPA 507	AF82914	0.2	05-Jul-18 (SJ)	<0.2 ug/l	
Thiobencarb (Bolero)	EPA 507	AF82914	0.2	05-Jul-18 (SJ)	<0.2 ug/l	

Respectfully Submitted,

Steve Jefferson 10/30/2018
Laboratory Director

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PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0598-01) Collected: 28-Jun-18 By IPC						
Surrogate: 1,3-Dimethyl-2-nitrobenze	*EPA 507*	*AF82914*		*05-Jul-18 (SJ)*	*54.3 % (40-120)*	
Gamma-BHC(Lindane)	EPA 508	AF82907	0.01	05-Jul-18 (SJ)	<0.01 ug/l	
Heptachlor	EPA 508	AF82907	0.01	05-Jul-18 (SJ)	<0.01 ug/l	
Heptachlor Epoxide	EPA 508	AF82907	0.01	05-Jul-18 (SJ)	<0.01 ug/l	
Endrin	EPA 508	AF82907	0.01	05-Jul-18 (SJ)	<0.01 ug/l	
Methoxychlor	EPA 508	AF82907	0.05	05-Jul-18 (SJ)	<0.05 ug/l	
Hexachlorocyclopentadiene	EPA 508	AF82907	1.0	05-Jul-18 (SJ)	<1.0 ug/l	
Hexachlorobenzene	EPA 508	AF82907	0.5	05-Jul-18 (SJ)	<0.5 ug/l	
Chlordane	EPA 508	AF82907	0.1	05-Jul-18 (SJ)	<0.1 ug/l	
Toxaphene	EPA 508	AF82907	0.5	05-Jul-18 (SJ)	<0.5 ug/l	
Aroclor 1016	EPA 508	AF82907	0.5	05-Jul-18 (SJ)	<0.5 ug/l	
Aroclor 1221	EPA 508	AF82907	0.5	05-Jul-18 (SJ)	<0.5 ug/l	
Aroclor 1232	EPA 508	AF82907	0.5	05-Jul-18 (SJ)	<0.5 ug/l	
Aroclor 1242	EPA 508	AF82907	0.5	05-Jul-18 (SJ)	<0.5 ug/l	
Aroclor 1248	EPA 508	AF82907	0.5	05-Jul-18 (SJ)	<0.5 ug/l	
Aroclor 1254	EPA 508	AF82907	0.5	05-Jul-18 (SJ)	<0.5 ug/l	
Aroclor 1260	EPA 508	AF82907	0.5	05-Jul-18 (SJ)	<0.5 ug/l	
Surrogate: Tetrachloro-m-xylene	*EPA 508*	*AF82907*		*05-Jul-18 (SJ)*	*51.0 % (50-120)*	
Surrogate: Decachlorobiphenyl	*EPA 508*	*AF82907*		*05-Jul-18 (SJ)*	*85.0 % (50-120)*	
Bentazon	EPA 515.1	AG80236	0.2	10-Jul-18 (SJ)	<0.2 ug/l	
2,4-D	EPA 515.1	AG80236	0.2	10-Jul-18 (SJ)	<0.2 ug/l	
Dalapon	EPA 515.1	AG80236	2.0	10-Jul-18 (SJ)	<2.0 ug/l	
Dinoseb	EPA 515.1	AG80236	0.2	10-Jul-18 (SJ)	<0.2 ug/l	
Pentachlorophenol (PCP)	EPA 515.1	AG80236	0.2	10-Jul-18 (SJ)	<0.2 ug/l	
Picloram	EPA 515.1	AG80236	0.2	10-Jul-18 (SJ)	<0.2 ug/l	
2,4,5-TP	EPA 515.1	AG80236	0.2	10-Jul-18 (SJ)	<0.2 ug/l	
Surrogate: 2,4-DCAA	*EPA 515.1*	*AG80236*		*10-Jul-18 (SJ)*	*69.3 % (60-140)*	

Respectfully Submitted,

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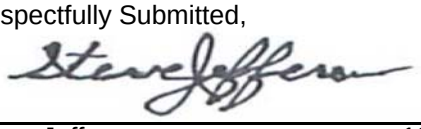
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EFF (Sample I.D.# : 18F0598-01) Collected: 28-Jun-18 By IPC						
Benzene	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
Bromodichloromethane	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
Bromoform	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
Carbon tetrachloride	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
c-1,3-Dichloropropene	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
cis-1,2-Dicholoroethene	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
Chlorobenzene	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
Chloroform	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
Dibromochloromethane	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
1,2-Dichlorobenzene	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
1,4-Dichlorobenzene	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
1,2-Dichloroethane	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
1,1-Dichloroethane	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
1,3-Dichloropropane	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
1,2-Dichloropropane	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
Ethylbenzene	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
Methyl tert-butyl ether	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
Methylene chloride	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
Styrene	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
t-1,2-Dichloroethene	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
t-1,3-Dichloropropene	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
1,1,2,2-Tetrachloroethane	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
Tetrachloroethene	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
Toluene	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
1,2,4-Trichlorobenzene	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
1,1,1-Trichloroethane	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
1,1,2-Trichloroethane	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
Trichloroethene	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
Trichlorofluoromethane (Freon 11)	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	

Respectfully Submitted,



Steve Jefferson 10/30/2018
Laboratory Director

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EFF (Sample I.D.# : 18F0598-01) Collected: 28-Jun-18 By IPC						
1,1,2-Trichloro-1,2,2-trifluoroethane	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
Vinyl chloride	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
o-Xylene	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
m,p-Xylene	EPA 524.2	AG81029	1.0	11-Jul-18 (SJ)	<1.0 ug/l	
Surrogate: Dibromofluoromethane	*EPA 524.2*	*AG81029*		*11-Jul-18 (SJ)*	*102 % (80-120)*	
Surrogate: Toluene-d8	*EPA 524.2*	*AG81029*		*11-Jul-18 (SJ)*	*97.2 % (80-120)*	
Surrogate: Bromofluorobenzene	*EPA 524.2*	*AG81029*		*11-Jul-18 (SJ)*	*90.6 % (80-120)*	
Carbofuran	EPA 632	AG80322	0.5	12-Jul-18 (SJ)	<0.5 ug/l	
Oxamyl	EPA 632	AG80322	1.0	12-Jul-18 (SJ)	<1.0 ug/l	
Chloroacetic Acid	EPA 552.2	AG81227	1.0	13-Jul-18 (SJ)	<1.0 ug/l	
Bromoacetic Acid	EPA 552.2	AG81227	1.0	13-Jul-18 (SJ)	3.1 ug/l	
Dichloroacetic Acid	EPA 552.2	AG81227	1.0	13-Jul-18 (SJ)	<1.0 ug/l	
Trichloroacetic Acid	EPA 552.2	AG81227	1.0	13-Jul-18 (SJ)	<1.0 ug/l	
Dibromoacetic Acid	EPA 552.2	AG81227	10.0	13-Jul-18 (SJ)	31.8 ug/l	
Haloacetic Acids (HAA5)	EPA 552.2	AG81227	1.0	13-Jul-18 (SJ)	34.9 ug/l	
Surrogate: 2,3-Dibromopropionic Acid	*EPA 552.2*	*AG81227*		*13-Jul-18 (SJ)*	*127 % (60-140)*	
Naphthalene	EPA 550	AG80240	0.05	13-Jul-18 (SJ)	<0.05 ug/l	
Acenaphthylene	EPA 550	AG80240	0.05	13-Jul-18 (SJ)	<0.05 ug/l	
Acenaphthene	EPA 550	AG80240	0.05	13-Jul-18 (SJ)	<0.05 ug/l	
Fluorene	EPA 550	AG80240	0.05	13-Jul-18 (SJ)	<0.05 ug/l	
Phenanthrene	EPA 550	AG80240	0.05	13-Jul-18 (SJ)	<0.05 ug/l	
Anthracene	EPA 550	AG80240	0.05	13-Jul-18 (SJ)	<0.05 ug/l	
Fluoranthene	EPA 550	AG80240	0.05	13-Jul-18 (SJ)	<0.05 ug/l	
Pyrene	EPA 550	AG80240	0.05	13-Jul-18 (SJ)	<0.05 ug/l	
Benzo (a) anthracene	EPA 550	AG80240	0.05	13-Jul-18 (SJ)	<0.05 ug/l	
Chrysene	EPA 550	AG80240	0.05	13-Jul-18 (SJ)	<0.05 ug/l	
Benzo (b) fluoranthene	EPA 550	AG80240	0.05	13-Jul-18 (SJ)	<0.05 ug/l	
Benzo (k) fluoranthene	EPA 550	AG80240	0.05	13-Jul-18 (SJ)	<0.05 ug/l	
Benzo (a) pyrene	EPA 550	AG80240	0.05	13-Jul-18 (SJ)	<0.05 ug/l	

Respectfully Submitted,

Steve Jefferson 10/30/2018
Laboratory Director

PAT-CHEM LABORATORIES
QUALITY ANALYTICAL SERVICES SINCE 1987
1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 30-Oct-18 11:34
Subject: (MCC) Quarterly

Project/P.O.#: (MCC) Quarterly

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0598-01) Collected: 28-Jun-18 By IPC						
Dibenz (a,h) anthracene	EPA 550	AG80240	0.05	13-Jul-18 (SJ)	<0.05 ug/l	
Benzo (g,h,i) perylene	EPA 550	AG80240	0.05	13-Jul-18 (SJ)	<0.05 ug/l	
Indeno (1,2,3-cd) pyrene	EPA 550	AG80240	0.05	13-Jul-18 (SJ)	<0.05 ug/l	
Surrogate: Decafluorobiphenyl	*EPA 550*	*AG80240*		*13-Jul-18 (SJ)*	*60.7 % (45-120)*	
Cyanide (total)	SM 4500-CN-E	AG80318	0.005	03-Jul-18 (SGS)	<0.005 mg/l	
MBAS	SM 5540C	AF82906	0.20	29-Jun-18 (PL)	<0.20 mg/l	
Color	SM 2120 C	AF82905	5.0	29-Jun-18 (LA)	29.6 CU	
Odor	SM 2150B	AG80324	1	28-Jun-18 (SJ)	<1 T.O.N.	
Bromate	EPA 300.0	AG81137	5.0	12-Jul-18 (SJ)	<5.0 ug/l	
Chlorite	EPA 300.0	AG81130	20.0	11-Jul-18 (SJ)	<20.0 ug/l	
Fluoride	EPA 300.0	AG80244	0.10	05-Jul-18 (PL)	1.05 mg/l	

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 10/30/2018
Laboratory Director

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 12-Jul-18 19:00
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0627-01) Collected: 29-Jun-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AF82916	2	04-Jul-18 (EG)	<2 mg/l	
pH	SM4500-H-B	AG80234	0.1	29-Jun-18 (SS)	7.2 pH Units	
Residual Chlorine	SM 4500 Cl-G	AF82921	0.05	29-Jun-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AF82913	1.8	01-Jul-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AF82913	1.8	01-Jul-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 7/12/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18F0627

Customer: IPC, Inc.		**Project:** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** Carlos Alvarez	**P.O. #:**
Irvine	CA 92618	**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	06/29/18	1145	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
"	"	"	1	BOD	Grab	AQ	1L P	4°C	
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (SEC)	06/29/18	1300
Received by		Carlos pick	6/29/18	1300
Relinquished by		Carlos C pick	6/29/18	1400
Received by				
Relinquished by				
Received in lab by		Alex Walker JR	6/29/18	1400

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Sample Received Checklist

Temperature upon receipt: 4°

# of bottles agrees with COC? Yes No
Samples intact? Yes No
Samples properly preserved? Yes No
Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____
Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

2. Independent Contractor

3. Orders and Acceptance

4. Limit of Liability

5. Clients Responsibility

6. Cancellation

7. Overriding Agreement

8. Force Majeure

9. Confidentiality

10. Hold Harmless

11. Hazardous Substances

12. Prices/Payments

13. Agreement Modification

14. No Third Party Beneficiaries; No Right of Reliance

15. Rush Analysis

16. Holding Times

17. Sample Retention

18. Sample Pick Up/Field Tech Sampling

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 12-Jul-18 19:03
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0635-01) Collected: 30-Jun-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AG80132	2	06-Jul-18 (SGS)	<2 mg/l	
pH	SM4500-H-B	AG80234	0.1	30-Jun-18 (SS)	7.3 pH Units	
Residual Chlorine	SM 4500 Cl-G	AG80321	0.05	30-Jun-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AF83025	1.8	02-Jul-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AF83025	1.8	02-Jul-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 7/12/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1850635

Customer: IPC, Inc.		Project : (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserv.	Field Data (pH / Temperature) pH: Field Lab
EFF	06/30/18	0745	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
"	"	"	1	BOD	Grab	AQ	1L P	4°C	
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (CAC)	06/30/18	
Received by				
Relinquished by	Jose L Gomez	Jose L Gomez	6/30	1200
Received by				
Relinquished by				
Received in lab by		Jordan Corkery	6/30/18	1400

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	HC - HCl
Comp	HS - H_2SO_4
Matrix	HN - HNO_3
AQ - Water	HP - H_3PO_4
SO - Soil / Sludge	OH - NaOH
OT - Other	ST - Sodium Thiosulfate
Bottle Type	AA - Ascorbic Acid
P - Plastic	Al - $AlCl_3$
G - Amber Glass	Cu - $CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

2. Independent Contractor

3. Orders and Acceptance

4. Limit of Liability

5. Clients Responsibility

6. Cancellation

7. Overriding Agreement

8. Force Majeure

9. Confidentiality

10. Hold Harmless

11. Hazardous Substances

12. Prices/Payments

13. Agreement Modification

14. No Third Party Beneficiaries: No Right of Reliance

15. Rush Analysis

16. Holding Times

17. Sample Retention

18. Sample Pick Up/Field Tech Sampling

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

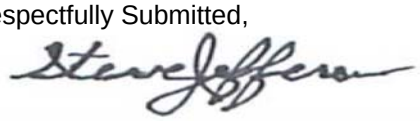
Attention: Ric Vardel
Report Date: 12-Jul-18 19:08
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18G0003-01) Collected: 01-Jul-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AG80317	2	08-Jul-18 (VL)	<2 mg/l	
pH	SM4500-H-B	AG80234	0.1	01-Jul-18 (SS)	7.2 pH Units	
Residual Chlorine	SM 4500 Cl-G	AG80321	0.05	01-Jul-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AG80135	1.8	03-Jul-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AG80135	1.8	03-Jul-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 7/12/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1860003

Customer: IPC, Inc.

Project : (MCC) Daily EFF

Address: 9297 Research Drive
Irvine CA 92618

Sampled by: Tucio Ledz

Report Attention: Ric Vardel / Golan Kfir

P.O. #:

Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserv.	Field Data (pH / Temperature) pH: Field Lab
EFF	07-01-18	0900	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
	1	1	1	BOD	Grab	AQ	1L P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by		Tucio Ledz	7-1-18	11:50
Received by		Jordan Corkery	7/1/18	11:50
Relinquished by				
Received by				
Relinquished by				
Received in lab by				

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type: Grab, Comp

Matrix: AQ - Water; SO - Soil / Sludge; OT - Other

Bottle Type: P - Plastic; G - Amber Glass; VOA - 40 ml Vial; Coli - bacteria

Preservations:
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

2. Independent Contractor

PCL acts solely as an independent contractor to perform all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined above) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client have executed a separate agreement in writing which does not incorporate the Terms. No additional or different terms shall be valid and binding unless in writing and signed by an authorized representative of the Party and PCL.

The Client may order services by submitting a written order (including faxed or PCL-Net order) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.

The client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No oral or written terms and conditions submitted in a client's purchase order shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "Services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), 40 Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods/SM of the Examination of Water and Wastewater, and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL to officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or payment releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same, and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

10. Hold Harmless

Client recognizes and shall save, indemnify, defend and hold PCL its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to, attorneys' fees (the obligation to indemnify and defend shall survive termination of this agreement) asserted by or awarded to any person or entity, including client, on account of personal injury, death or damage to property arising out of, or in connection with the performance of services under this agreement, to the extent such liability is caused by the gross negligence or willful misconduct of PCL or its employees. For purposes of indemnity, such responsibility shall include claims, damages, actions of every kind and character arising out of or in any action with the negligence or presence of, caused by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other Indemnified Persons. To the fullest extent permitted by applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage or be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including without limitation, loss of profit or business interruption) or client's expenses or other fees (including, without limitation, attorney's fees, court costs, and/or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation, claims or proceeding PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, waste and substances which are defined, determined or described as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for asbestos analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of delivery of the services (which may change at any time), unless otherwise agreed upon in writing. The price schedule is subject to change at any time without notice. Payment is due upon receipt of invoice, unless credit terms have been established with PCL. For those clients with an established credit account, the terms for payment shall be net thirty (30) days from the date of invoice. To the fullest extent permitted by law, all invoices not paid by applicable due date shall accrue interest at the rate of thirty (30) days or subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balance. Delayed amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees to agency fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective on in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client in receiving services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, interpretation or reports. Client represents, warrants and agrees that said data, information and reports are not requested, or shall be used to solicit capital, connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any variable or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 3-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional such fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

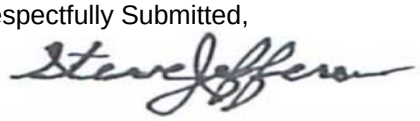
Attention: Ric Vardel
Report Date: 12-Jul-18 19:10
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18G0023-01) Collected: 02-Jul-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AG80317	2	08-Jul-18 (VL)	<2 mg/l	
pH	SM4500-H-B	AG80319	0.1	02-Jul-18 (SS)	7.3 pH Units	
Residual Chlorine	SM 4500 Cl-G	AG80321	0.05	03-Jul-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AG80241	1.8	04-Jul-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AG80241	1.8	04-Jul-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 7/12/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18G0023

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Golan Kfir	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserv.	Field Data (pH / Temperature) pH: Field Lab
EFF	7/2/18	12:20	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
	"	"	1	BOD	Grab	AQ	1L P	4°C	
	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

Signature	Print Name (Company)	Date	Time
Relinquished by	Golan IPC	7/2/18	
Received by		7/2/18	1527
Relinquished by		7/2/18	1624
Received by			
Relinquished by			
Received in lab by	PL	7.2.18	1630

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Matrix	Bottle Type
Grab	AQ - Water	P - Plastic
Comp	SO - Soil / Sludge	G - Amber Glass
	OT - Other	VOA - 40 ml Vial
		Coli - bacteria

Preservations

HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not supply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request, and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data while such standard was observed. PCL reports and information provided thereon are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. injury, disease or death of persons 2. loss of, damage to, loss of, or loss of use of property and/or 3. Financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other Indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption), Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post-judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date(s) services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment is due as soon as each analysis is completed is received for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with a established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of this (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agency fees associated with such collection proceedings or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is retaining services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding time and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 3-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late deliverys, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

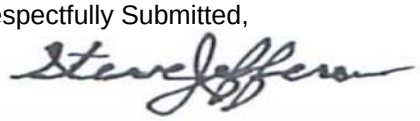
Attention: Ric Vardel
Report Date: 12-Jul-18 19:13
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18G0062-01) Collected: 03-Jul-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AG80513	2	10-Jul-18 (EA)	5 mg/l	
pH	SM4500-H-B	AG80520	0.1	05-Jul-18 (SS)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AG80327	0.05	03-Jul-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AG80323	1.8	05-Jul-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AG80323	1.8	05-Jul-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 7/12/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18G0062

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Golan Kfir	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	7/3/18	11:55	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.5/26.8°C
	"	"	1	BOD	Grab	AQ	1L P	4°C	
	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD: Logcode: IPCI Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by: GK	Golan IPC	7/3/18	1345
Received by:	MARIO SANTIESTEBAN (PCL)	7/3/18	1345
Relinquished by:	MARIO SANTIESTEBAN	7/3/18	1815
Received by:			
Relinquished by:			
Received in lab by:	PCL	7.3.18	1900

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab Comp	HC - HCl HS - H_2SO_4 HN - HNO_3 HP - H_3PO_4 OH - NaOH ST - Sodium Thiosulfate AA - Ascorbic Acid AI - $AlCl_3$ Cu - $CuSO_4$
Matrix AQ - Water SO - Soil / Sludge OT - Other	
Bottle Type P - Plastic G - Amber Glass VOA - 40 ml Vial Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these terms and conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. An acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the Client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of this contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession where applicable. PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), 40 waterboard (EGAD), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employers or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the samples analyzed by them or at client's request and the results obtained by PCL shall be held in confidence. Unless such information is generally available to the public or in the public domain, or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement, subject to any disclosure required by law or legal process, PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports. Prior to dissemination, Client will not disclose to any third party any information concerning technical information, software, programs or other formulations.

10. Hold Harmless

Client releases, and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and reasonable expenses including, but not limited to, court fees, litigation & investigation and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, illness or death of persons, 2. loss of, damage to, physical or financial or property and/or 3. business loss of every kind of character. This indemnification applies to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to costs, claims, damages, actions of every kind and character arising out of or in connection with the negligence – or breach of contract by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the Client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, Client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to Client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) irrespective of whether such damages or other loss (including, without limitation, attorney's fees, court costs, and / or pre or post judgment interest), or any action asserted or cost incurred by client or any other party in any litigation against or involving PCL in any way whatsoever pertaining in connection with this agreement or all services provided under this agreement, even if client or the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic materials, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Material"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all potential analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's Acceptable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or for a history of payment and/or credit acceptable to PCL. For those clients with established credit accounts, the terms for payment of invoices are NET 30 days unless otherwise specified on the face of invoices. To the fullest extent permitted by all applicable law, any amounts unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law at the time and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedures or efforts.

13. Agreement Modification

Changes, modifications or amendments to the Terms shall be effective only in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third-Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for the use of or reliance on data, information, or reports furnished by PCL. Client is creating services hereunder for his/her own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third-party beneficiaries to this agreement, and that no third parties may rely on any data, information or reports. Client represents, warrants, and agrees that said data, information and report are not to be used, or shown or cited to, relied upon, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, and periodic or other reporting to the holders of any security, the securing, amendment, renewal or extension of any loan from any financial institution or other lender or the certification to or consulting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 4pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at our lab within 24 hours before expiration to ensure that the holding time can be met. Short Holding Times of 48 hours or less or same day receipt must be reviewed that same day in order to guarantee holding times are met. Airline issues, late deliveries, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods may be requested by client. Prearrangements for storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been included on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

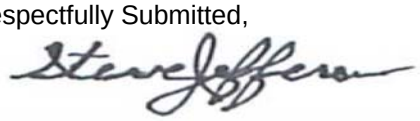
Attention: Ric Vardel
Report Date: 12-Jul-18 19:23
Subject: (MCC) Weekly EFF

Project/P.O.#: (MCC) Weekly EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18G0061-01) Collected: 03-Jul-18 By IPC						
Ammonia as N	EPA 350.1	AG80511	0.10	05-Jul-18 (SGS)	<0.10 mg/l	
Nitrate as N	EPA 353.2	AG80522	0.10	05-Jul-18 (LA)	2.49 mg/l	
Nitrite as N	EPA 353.2	AG80522	0.02	05-Jul-18 (LA)	0.03 mg/l	
Total Kjeldahl Nitrogen	EPA 351.2	AG80523	0.10	06-Jul-18 (LA)	0.70 mg/l	
Total Suspended Solids	SM 2540D	AG80512	1	06-Jul-18 (SGS)	<1 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 7/12/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18G0061

Customer: IPC, Inc.		**Project :** (MCC) Weekly EFF	
Address: 9297 Research Drive		**Sampled by:** Golan Kfir	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	7/3/18	11:55	1	TSS	Grab	AQ	1L P	4°C	
	"	"	1	NH4, TKN	Grab	AQ	500 P	HS	
	"	"	1	NO2, NO3	Grab	AQ	500 P	4°C	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by GK	Golan IPC	7/3/18	1345
Received by	MARIO SANTIESTEBAN (PCL)	7/3/18	1345
Relinquished by	MARIO SANTIESTEBAN (PCL)	7/3/18	1815
Received by			
Relinquished by			
Received in lab by	PCL	7-31-18	1400

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his/her heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will not accept orders for services (or defined services) under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. All modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract, client's upon acceptance of the "time and" conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for, delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and test sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is previously available to the public and the public domain) or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement), subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data. Notwithstanding the foregoing, PCL reserves and retains the right to use, disclose, market, sell and otherwise exploit in any manner its rights in and to all data, information, software programs and other deliverables.

10. Hold Harmless

Client releases, and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, successors and assigns harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and reasonable expenses including, but not limited to all costs from this paragraph 9 asserted and awards arising in favor of client or any third party as a result of, and/or in any way occurring, incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement, and/or transportation, handling or disposal of client's hazardous materials, wastes, property or death of persons, loss of damage to, use of, or loss of use of property and or X, Y, Z of any kind of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages or liabilities which is the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity does not apply to any collection, claims, damages, actions or event of any kind or character arising out of or in connection with the negligence or breach of duty in any manner whatsoever, whether active or alleged, of the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, client agrees that an indemnity which shall will be satisfied by available liability insurance coverage up to or furnished by client, with all insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profits or business interruption) Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and/or pre-or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement without client's or the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide, and PCL will receive samples/ materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials") Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples at a cost in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any lab bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of operations or date that the services were rendered or such prices thereto, and upon notification in writing. The price schedule is subject to change at any time without notice. Payment in advance or client analysis completion is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, payments for payment of services are NET CASH within thirty (30) days from date of invoice. To the fullest extent permitted by law or at any applicable law, any amounts unpaid at the end of thirty (30) days is subject to the end of the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and all amounts for such agents, fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications of amendments to the terms shall be effective only in writing and executed by an officer of PCL and the client's authorized representative, except that subsequent orders for additional services may be placed orally or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not required by, or will be provided to, or relied upon, in connection with or as part of the purchase, sale, underwriting, or distribution of securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or compliance with directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 5pm on weekdays without prior modification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 24 hours of allow PCL to meet holding times without applying a rush surcharge. All short holding times, 7-3 days, samples must arrive at the lab, within 2 days before expiration to ensure that the holding time is met. Short Holding Times, of 48 hours or less (such as pH), samples must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of the fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling may be accounted an additional fee.

PAT-CHEM LABORATORIES
QUALITY ANALYTICAL SERVICES SINCE 1987
1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

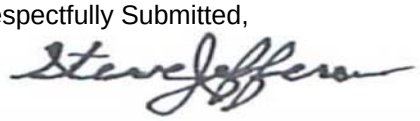
Attention: Ric Vardel
Report Date: 12-Jul-18 19:28
Subject: (MCC) Weekly INF

Project/P.O.#: (MCC) Weekly INF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
INF (Sample I.D.# : 18G0059-01) Collected: 03-Jul-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AG80513	2	10-Jul-18 (EA)	548 mg/l	
Total Suspended Solids	SM 2540D	AG80512	1	06-Jul-18 (SGS)	146 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 7/12/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18G0059

Customer: IPC, Inc.		Project: (MCC) Weekly INF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine	CA 92618	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
INF	07/03/18	1155	1	TSS	Grab	AQ	1L P	4°C	
1	1	1	1	BOD	Grab	AQ	1L P	4°C	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (SRE)	07/03/18	1345
Received by		MARIO SANTIESTEBAN (PCL)	7/3/18	1345
Relinquished by		MARIO SANTIESTEBAN (PCL)	7/3/18	1815
Received by				
Relinquished by				
Received in lab by		PCL	7.3.18	1900

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab / Comp	HC - HCl
Matrix	HS - H_2SO_4
AQ - Water	HN - HNO_3
SO - Soil / Sludge	HP - H_3PO_4
OT - Other	OH - NaOH
Bottle Type	ST - Sodium Thiosulfate
P - Plastic	AA - Ascorbic Acid
G - Amber Glass	AI - $AlCl_3$
VOA - 40 ml Vial	Cu - $CuSO_4$
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

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1. Definitions

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PCL offers and will accept orders for services (as defined herein) only under the following Orders & Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No consumer or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of performance in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgment of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided hereto shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

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Unless PCL personnel performs the sampling, the client shall be responsible for the collection which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

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Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

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PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public at the public domain or client was also to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any to a lawful required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all actions, losses or damages, claims, demands, causes of action, suits and other liabilities including, but not limited to all court fees, and litigation costs, and attorneys fees arising in favor of Client or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, sickness or death of persons, 2. injury, damage to, loss of, or theft of property, and/or 3. financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages or liabilities caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity does not specifically apply to losses, claims, damages, actions or suits, fines and charges arising out of or in connection with the negligence of the Environmental Laboratory or any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the Client might otherwise have to PCL and the other Indemnified Persons. To the extent necessary under applicable law, Client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption, litigation expenses or other fees (including, without limitation, attorney's fees, court costs, and fees prior to such judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an product provided under this agreement even if client or the prevailing party

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, waste and substances which are defined, determined or treated as such under federal, state or local laws, rules, PCL policies or regulations (together now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that the hazardous material received by PCL from client or at client's request, shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for analysis of potential analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of operations on the date the services were rendered or such prices as may be later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance of client analysis or assignment is required for all new clients or where history of payment and/or credit account has not been established with PCL. For client with an established credit account, the terms for payment of charges are net 30 days from date of invoice. To the fullest extent permitted by law, any amounts unpaid at the end of the thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the past due balance. If unpaid amounts are referred for collection proceedings or suit, all reasonable client shall pay reasonable costs and attorney's fees in addition. fees associated with such collection proceedings.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports for purposes PCL. Client is securing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. Client agrees and acknowledges that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not to publish, or shall be used to induce reliance in connection with or as part of the purchase, sale, underwriting, or syndication of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with a director or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 2pm on weekdays without prior notification and acceptance. Standard holding times for storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times will be provided to the client if requested. For analytes with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times. Without applying any surcharge. For tests holding time of 7 days, samples must arrive at the lab within 24 hour before expiration to ensure that the holding times can be met. Short Holding Time (STHT) tests or less (bacteria) material must be delivered the same day in order to guarantee holding times are met. After hours, late deliveries, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been outlined on the fee schedule. Reasonable time has been allowed for each pick up or service. Unnecessary delays during the pick up or sampling, might be accepted an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 12-Jul-18 19:15
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18G0075-01) Collected: 04-Jul-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AG80513	2	10-Jul-18 (EA)	4 mg/l	
pH	SM4500-H-B	AG80520	0.1	05-Jul-18 (SS)	7.2 pH Units	
Residual Chlorine	SM 4500 Cl-G	AG80525	0.05	05-Jul-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AG80504	1.8	07-Jul-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AG80504	1.8	07-Jul-18 (JC)	2.0 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 7/12/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18G0075

Customer: IPC, Inc.		**Project:** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** JULIO LEAL	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	07-04-18	07:00	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
	/	/	1	BOD	Grab	AQ	1L P	4°C	
	/	/	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	JULIO LEAL	7-4-18	
Received by	Evan G.	7.4.18	0730
Relinquished by		7.4.18	1230
Received by			
Relinquished by			
Received in lab by	PLL	7.4.18	1600

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC?	Yes	No
Samples intact?	Yes	No
Samples properly preserved?	Yes	No
Samples in holding time?	Yes	No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Matrix	Bottle Type
Grab	AQ - Water	P - Plastic
Comp	SO - Soil / Sludge	G - Amber Glass
	OT - Other	VOA - 40 ml Vial
		Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

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PCL acts solely as an independent contractor in performing all services.

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PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The Client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer in accordance with the Client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or its station of sampling services constitutes the Client's express assent to be governed by these terms and conditions. No additional or additional terms and conditions contained on a client's document shall be deemed to become a part of the contract formed upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of care prevailing in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), 64 Waterbourne (EIAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater, and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the sample or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL's Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, existing out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform for services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Except and the extent necessary to perform its services hereunder, PCL shall not disclose to any third party any information regarding Client's business, including but not limited to, the results obtained by PCL shall be kept confidential. Information which is generally available to the public or in the public domain or client can be required by PCL for all services rendered or to otherwise in pursuit of the agreement, subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and materials, but shall not be responsible for unauthorized disclosure of such data where such disclosure could not be prevented by the exercise of such care. PCL reports and information provided hereunder are for the exclusive use and benefit of client and client agrees that there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other deliverables.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to attorneys' fees, litigation expenses and awards, arising in favor of Client or any third party as a result of, or in any way relating, incident to arising out of or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. In many circumstances, death of persons, injury, damage to, loss or destruction of property or other harmful acts of every kind and character, the indemnification set forth above with respect to losses, claims, damages, actions of every kind and character arising out of and in connection with the negligence of or breach of contract by any indemnified Person, whether active or passive, in the performance of services under this agreement. The foregoing indemnities will be in addition to any remedy which the client may otherwise have in PCL and the other indemnified Persons. To the fullest extent permitted under applicable law, client agrees that its indemnity and hold harmless obligations will be supported by available liability insurance coverage to be furnished by client, which insurance shall be at the minimum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption. Litigation Expenses or other fees including, without limitation, attorney's fees, court costs, and fees are as per judgment interest, or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person or connection with this agreement or all services provided under this agreement even if client or the aforesaid party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide, and PCL will receive samples or materials for analysis which is or contains flammable, explosive, radioactive or other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (as either now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain hazardous substances. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for microbiological analysis, client will be charged a sample disposal fee per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect on the date of acceptance of the date the services were rendered or samples received and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or client analysis is completed is required for all new clients or unsatisfactory payment and/or credit status. Net 30 days terms are established with PCL for those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by law or applicable law, any amount unpaid at the end of thirty (30) days is subject to payment at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedures or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by clients authorized representative. Except for subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for the use of or reliance on data, information, or reports by any PCL Client is receiving services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of the investment, sale, underwriting, or distribution of any securities, any periodic or other reporting to the shareholders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to all samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 7-2 days, samples must be in the lab within 24 hours before exposure to insure that the holding times can be met. Short Holding Times of 48 hours or less (such as 24 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM LABORATORIES
QUALITY ANALYTICAL SERVICES SINCE 1987
1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

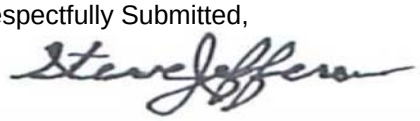
Attention: Ric Vardel
Report Date: 12-Jul-18 19:18
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18G0102-01) Collected: 05-Jul-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AG80609	2	11-Jul-18 (EA)	5 mg/l	
pH	SM4500-H-B	AG80612	0.1	06-Jul-18 (SS)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AG80614	0.05	06-Jul-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AG80504	1.8	07-Jul-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AG80504	1.8	07-Jul-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 7/12/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1860102

Customer: IPC, Inc.		Project : (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Golan Kfir	P.O. #:
Irvine	CA 92618	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	7/5/18	11:30	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
	"	"	1	BOD	Grab	AQ	1L P	4°C	
	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	Golan IPC	7/5/18	
Received by	Gwab	7.5.18	1730
Relinquished by	Gwab	7.5.18	1500
Received by			
Relinquished by			
Received in lab by		7/5/18	REVD

Sample Received Checklist

Temperature upon receipt: 4 °C

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule and any additions or amendments hereto which are accepted in writing. "Client" means the individual or entity who may request laboratory services, including or sampling services and his, its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such documents may be amended or replaced from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (or defined services) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which shall govern the transaction. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client shall order services by submitting a written Work Request (WO) to PCL. Any such order constitutes (i) an acceptance by the Client of PCL's offer to do business with the Client under the terms and conditions and (ii) an agreement to be bound by those terms and conditions. The Client's delivery of samples to PCL or authorization of consulting services constitutes the Client's agreement to be governed by these terms and conditions. No contrary or additional terms and conditions shall be valid unless agreed to by PCL in writing. Client's acceptance of the services is expressly limited to acceptance of the Terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standard of workmanship in the profession where applicable. PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), Clearinghouse of Labs (CLP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastes and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for the services or materials rendered. Any passages in the contract or any client purchase orders or contracts

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for assuring PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and actual out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of client's initial order and all subsequent orders for additional services, which are placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence. Unless such information is generally available to the public or in the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement, subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and client will be responsible for reasonably safeguarding disclosure of said data which is held standard use. However, PCL reports and information is considered property of the customer, use and benefit of client and shall not be released by PCL to anyone other than client without client's prior written consent. Client agrees not to disclose PCL information, including price lists, data, reports, or its test programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and other settlement including, but not limited to attorneys fees (the "Claims") now held and hereafter arising in favor of client or any third party as a result of, and/or in any way resulting from or flowing out of or in connection with the performance of this agreement and the services provided by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, including, but not limited to, Claims for personal injury, illness or death of persons, loss of, damage to, injury to, or loss of use of property and/or any and all consequences of every kind of character. This indemnity provision applies to any of the foregoing Claims made against PCL, its employees, officers, directors, agents, parent, subsidiaries or affiliates, whether or not caused in part by the active or passive negligence or other fault of PCL or its employees. To the extent that this indemnity provision may be unenforceable for any reason, client agrees to make the maximum contribution to the payment and satisfaction of each Claim which is permissible under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including without limitation, loss of profits or business interruption) or other expenses or damages (including, without limitation, attorney's fees, court costs, and fees and costs of expert witnesses), or any other damages in each instance to client or any other party or any person or entity claiming through client or any other party, in any way related to this agreement or the performance or breach hereof, whether such claim is based upon contract, tort (including sole, concurrent or other negligence and strict liability of PCL or any of its employees, officers, directors, agents, parent, subsidiaries or affiliates), or otherwise, even if PCL has been advised of the possibility of such damages and even if such damages were reasonably foreseeable. Client's sole and exclusive remedy for any breach of this agreement by PCL or any of its employees, officers, directors, agents, parent, subsidiaries or affiliates shall be limited to the amount paid by client to PCL for the services provided under this agreement which is directly related to the breaching party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples that are hazardous substances (as defined by applicable federal, state or local laws, rules, PCL policies or regulations) whether now existing or hereafter enacted or promulgated, or any potential or additional physical characteristics of any thing, if the "Hazardous Materials" listed or understood and agreed that the hazardous materials received by PCL from client or at client's request, shall remain the property of Client and shall upon completion of PCL's services, PCL will dispose of all unused portions of samples associated by client in the PCL's QA/QC policies. In the event the client does not agree to its prompt disposition of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for analytical laboratory analysis client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of acceptance of the order for services which is incorporated herein by reference and made a part hereof. Prices are subject to change at any time without notice. Payment in advance or upon analysis is required in any case for all new clients unless credit authority or terms of payment have been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by law or any applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees in addition to any unpaid amounts, collection costs or other.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only if executed by an officer of PCL and the client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is retaining services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and understood that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not to receive, or shall be used by, in connection with or part of, the purchase, sale, underwriting, or participation of any securities, any panels or other reporting to the holders of any security, the securing, investment, renewal, or extension of any loan from any financial institution or other lender or the certification for contracting with directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 7-10 days, samples must arrive at the lab within 24 hours for PCL even able to insure that the holding time can be met. Short Holding Times of 48 hours or less (Nutrients) or failure must be delivered that same day in order to guarantee holding times are met. After hours, late deliveries, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been entered on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, must be accounted for.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

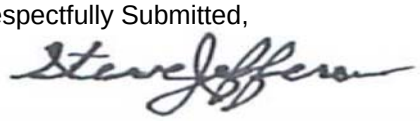
Attention: Ric Vardel
Report Date: 12-Jul-18 19:21
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18G0140-01) Collected: 06-Jul-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AG80609	2	11-Jul-18 (EA)	3 mg/l	
pH	SM4500-H-B	AG80719	0.1	07-Jul-18 (JC)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AG80718	0.05	07-Jul-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AG80613	1.8	08-Jul-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AG80613	1.8	08-Jul-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 7/12/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1860140

Customer: IPC, Inc.		**Project :** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** Carlos Alvarez	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	07/06/11	1100	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	07/06/11	
Received by			7/6/11	1200
Relinquished by				
Received by				
Relinquished by				
Received in lab by			7/6/11	1200

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Matrix	Bottle Type
Grab	**AQ** - Water	**P** - Plastic
Comp	**SO** -Soil / Sludge	**G** - Amber Glass
	OT - Other	**VOA** - 40 ml Vial
		Coli - bacteria

Preservations

HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of Sale, including the price schedule, and any addenda or amendments hereto, either executed or agreed to in writing. "Client" means the individual or entity obtaining the analytical laboratory services, products, or materials pursuant to these Terms and Conditions, whether by its employees, agents, and representatives. "Price Schedule" means the Pat-Chem Laboratories (PCL) standard price schedule in effect from time to time, as may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and is willing to accept orders for services only on the terms and conditions contained in these Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate these Terms. No modification to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may order services by submitting a written shall of custody (COC) to PCL. Any such order constitutes an acceptance by the Client of PCL's offer to do business with the Client under the Terms and conditions and Client agreement to be bound by these Terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the Client's express assent to be governed by these terms and conditions. No terms and conditions appearing on any Client's document shall be deemed to change or be a part of the parties' agreement regarding any of the terms and conditions.

For purposes of this agreement, "services" shall mean all work to be performed for the Client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of care prevailing in the profession. Where applicable, PCL will use such test methodology as which are in accord with the protocols set forth in the U.S. Environmental Protection Agency (EPA), the Interstate Technology & Regulatory Council (ITRC), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM), or the equivalent, or where and if/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or as otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made in a manner consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or the QA/QC policies. The total liability of PCL to Client, agents, employees, or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or payment releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same, and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Client and the sample matrix as provided by Client or at Client's request and the results obtained by PCL shall be held in confidence unless such information is generally available to the public or unless PCL is compelled or required by law to disclose such information. PCL shall provide the name(s) of client's agent(s) authorized to receive such data and shall not be responsible for any unauthorized disclosure of such data which occurs after such data is released to such agent(s). PCL reports and information provided hereunder are for the exclusive use and benefit of Client and Client agrees that there will be no third party beneficiaries of such reports, data or information. Client agrees to indemnify and hold PCL any information concerning such information or PCL's services or other transactions.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and costs and expenses including, but not limited to, attorneys' fees, litigation expenses and court costs, arising in favor of Client or any third party as a result of, and/or in any way relating, incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement, and specifically transportation, handling or disposal of such hazardous materials. In claims, losses or damages (whether personal injury, property damage or economic loss) which result from the negligence of any party or parties, including PCL, Client agrees that every such party shall bear such proportion of the total liability as is fair and reasonable under the circumstances. Further, this indemnity shall not be valid to the extent claims, losses and damages arising out of or resulting from the negligence of PCL or its employees. Further, this indemnity shall not be valid to the extent claims, losses and damages arising out of or resulting from the negligence of Client or its employees, agents or representatives. The foregoing indemnities will be in addition to and not in lieu of any other indemnities set forth in this agreement or in any other agreement between Client and PCL. Client agrees that PCL shall not be liable to Client for any consequential damages, including without limitation, loss of profits, business interruption, loss of use, revenue or actual or anticipated profits (including loss of profits on contracts), loss by reason of shutdown in operation and/or increased expenses of operation, cost of capital, cost of substitute facilities, goods or services, or claims of customers of Client for such damages incurred by them or any of them, whether based upon breach of contract, tort (including negligence), strict liability, indemnity, contribution, or otherwise, even if PCL has been advised of the possibility of such damages. Client agrees that PCL's liability for any and all claims, losses, or damages arising out of any of the services performed hereunder, or from the performance thereof, shall in no case exceed the charges allowed and specified in this agreement for the services performed under this agreement. Client's sole and exclusive remedy against PCL for any such claims, losses or damages shall be the payment of not more than such charges. Client agrees that all potential claims, losses and damages must be asserted against PCL within one (1) year after the completion of the services hereunder or Client's claim shall be deemed waived and barred.

11. Hazardous Substances

For PCL to perform the services requested by Client, client will provide and PCL will receive samples materials for analysis, such as asbestos, polychlorinated biphenyls, biological and other hazardous or toxic materials, which are and will/can only be properly determined or considered as such under federal, state or local laws, rules, PCL's policies or regulations (whether now existing or hereafter enacted or promulgated) or any petition or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any Hazardous Material received by PCL from Client or at Client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as directed by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for analytical purposes will not be returned to Client or a sample deposited into user sample submittal in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Clients must pay PCL in accordance with PCL's applicable price schedule in effect at the time of submission of the order for the services and/or of written price quotation if later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or other security is required for all new clients or clients with a history of payment problems or who cannot be credit checked with PCL. For those clients with an established payment account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoice. To the fullest extent permitted by law or equity, a reasonable late payment charge of one and one-half percent (1.5%) per month on the unpaid balance, or the maximum rate permitted by law, whichever is less, will be added to any invoice not paid within thirty (30) days from the date of invoice. In the event it becomes necessary to employ attorneys or collection agencies or to institute legal proceedings or to file a claim, the client shall pay reasonable costs and attorney's fees in addition to any amounts owed in connection with such collection procedure or claim.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective and binding only when signed by an officer of PCL and by Client (or Client's representative). Except as to payment terms for which only be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client's testing services hereunder are for its own account, and not as agent or broker, or in any other capacity. Client acknowledges that there are no third party beneficiaries to this agreement, and client hereby agrees that no one other than client will rely on data, information or reports. Client represents, warrants, and agrees that any data, information and reports are not published, or shall be used or relied upon, in connection with or as part of the purchase, sale, conveyance, or distribution of any securities. Any payment or other reporting to the holders of any existing, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or compliance with directives of investors, and governmental agencies or departments.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, in any circumstances, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeding in cases of samples that are received for weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times will be provided to the client if requested. All analytes with holding times of 14 days or less, samples must arrive with ample hours to allow PCL to meet holding times without applying a rush surcharge. All rush holding times, i.e. 7 days, samples must arrive at the lab within 24 hours prior to expiration to enable the holding time to be met. Short Holding Times of 48 hours or less (bacteria & toxicity) must be delivered the same day in order to guarantee holding times are met. Saturdays, late deliveries, traffic congestion, delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the application date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by mutual only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All your upcoming test have been initiated on the due schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 13-Jul-18 15:04
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

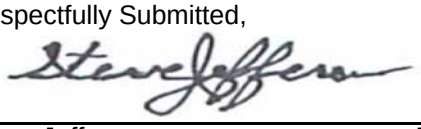
PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18G0154-01) Collected: 07-Jul-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AG80819	2	13-Jul-18 (EA)	6 mg/l	
pH	SM4500-H-B	AG80824	0.1	08-Jul-18 (JC)	7.4 pH Units	pH
Residual Chlorine	SM 4500 Cl-G	AG80929	0.05	07-Jul-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AG80717	1.8	09-Jul-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AG80717	1.8	09-Jul-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

pHa The temperature in Celsius was 8.4 when the pH was recorded.

pH The temperature in Celsius was 7.0 when the pH was recorded.

Respectfully Submitted,



Steve Jefferson 7/13/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18G0154

Customer: IPC, Inc.		**Project :** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** JULIO LEAL	**P.O. #:**
Irvine	CA 92618	**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	07.07.18	08:45	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
	"	"	1	BOD	Grab	AQ	1L P	4°C	
	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	JULIO LEAL	7-7-18	
Received by			
Relinquished by	Jose L Gomez	7-7-18	10:45
Received by			
Relinquished by			
Received in lab by	Jordan Corkery	7/7/18	12:57

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additional or other terms which are agreed to in writing. "Client" means the individual or entity who may receive laboratory services, consulting or sampling services, and his or his heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such documents may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined hereinafter) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written order (WO) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the Terms and Conditions and 2. an agreement to be bound by these terms and conditions. The client's delivery of samples to PCL is indicative of accepting services' conditions by the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions contained in a client's order shall be deemed to become a part of the client's contract upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the requested services in accordance with the normal standards of care/standards of the profession where applicable. PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), 14 Watertboard (CLAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the sample(s) or substrate based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, or any one of all of its connection to the services to be provided herein, shall not exceed the aggregate amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform its services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is in public domain or client has told or has given PCL permission to disclose same in connection with the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in connection with its own confidential data and shall not be responsible for unauthorized disclosure of such data where such standard was observed. PCL reports are submitted on possible interpretations for the exclusive use and benefit of client and client agrees that there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning chemical information, software, programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and reasonable expenses including, but not limited to attorneys' fees (the "Losses") asserted and awards arising in favor of client or any third party as a result of, and/or in any way wholly or partially resulting out of, or in connection with the performance of services by PCL pursuant to this agreement and/or from contribution, breaching or incorrect client's hazardous materials, injury, damage or death of persons, loss of, damage to, or use of real or personal property and/or 2. resulting from any and all claims, demands, suits, actions, or judgments based solely on the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to forties, claims damages, actions, of every kind and character, including but not limited to, those arising out of bodily injury, death, property damage, in connection with the negligence of PCL's employees, agents and subcontracted forces, which are alleged to be due to the performance of services under this agreement. The foregoing indemnities will be in addition to, and not limited to, all rights of indemnity or contribution which PCL and the other parties hereto may have by statute, common law or otherwise. To the extent this indemnity and/or hold harmless agreement is unenforceable, client will be supported by insurance policy, insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including without limitation, loss of profits or business interruption), litigation expenses or other fees (including, without limitation, attorney's fees, court costs and/or pre- or post-judgment interest), or any other expenses or costs incurred by client or any other party in any litigation, action or involving PCL or any other employee or in connection with this agreement or any services provided under this agreement, even if client or the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples made up for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances, who is not defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of client and shall upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify it's preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of tested samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for analytical analysis, client will be charged a sample disposal fee per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of quotation or on the date the services were rendered or such prices given and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or client credit completed is required for all new clients or until a history to support credit can be accounts have been established with PCL. For those clients with an established credit account, the terms for payment of invoices are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by law, any amount unpaid at the end of the thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month and/or equivalent rate. If unpaid amounts are collected through legal proceedings or by an attorney, client shall pay reasonable costs and attorney's fees, agents' fees associated with such collection proceedings or actions.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective on an existing and executed by an officer of PCL and by client's authorized representative, except that subsequent verbal additional services may be agreed to in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use or reliance on data, information, or reports furnished by PCL. Client is obtaining services from PCL for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants and agrees that said data, information and reports are not represented, or shall be used to relied upon in connection with or as part of any purchase, sale, underwriting, or participation in any securities, any periodic or other reporting to the holders of any securities, the securing, amendment, renewal, or extension of any loan from any mortgage institution or other lender or the certification to or contracting with governmental or quasi-governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered or received after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times will be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours (4 days) to PCL to meet holding times without applying a rush surcharge. All short holding times 2-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. For any holding times of 48 hours or less (bacteria), hand must be delivered that same day in order to guarantee holding times are met. After hours, late deliveries, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by renewal only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been outlined on the fee schedule. Reasonable time has been allocated for all pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

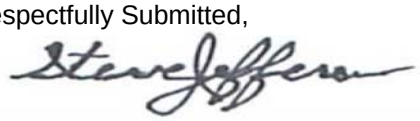
Attention: Ric Vardel
Report Date: 17-Jul-18 12:55
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18G0159-01) Collected: 08-Jul-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AG81021	2	15-Jul-18 (VL)	<2 mg/l	
pH	SM4500-H-B	AG80923	0.1	08-Jul-18 (SS)	7.2 pH Units	
Residual Chlorine	SM 4500 Cl-G	AG80929	0.05	09-Jul-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AG80822	1.8	10-Jul-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AG80822	1.8	10-Jul-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 7/17/2018
Laboratory Director

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

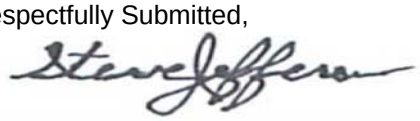
Attention: Ric Vardel
Report Date: 17-Jul-18 12:58
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18G0172-01) Collected: 09-Jul-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AG81021	2	15-Jul-18 (VL)	<2 mg/l	
pH	SM4500-H-B	AG81124	0.1	09-Jul-18 (SS)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AG80929	0.05	09-Jul-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AG80928	1.8	13-Jul-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AG80928	1.8	13-Jul-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 7/17/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18G0172-01

Customer: IPC, Inc.		**Project :** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** Carlos Alvarez	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field (Lab)
EFF	07/09/18	1120	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.46
	"	"	1	BOD	Grab	AQ	1L P	4°C	
	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (Cael)	07/09/18	
Received by	EC	Gwarb (PCL)	7.9.18	1200
Relinquished by	EC	Gwarb	7.9.18	1500
Received by				
Relinquished by				
Received in lab by		PCL	7.9.18	1600

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC?	Yes	No
Samples intact?	Yes	No
Samples properly preserved?	Yes	No
Samples in holding time?	Yes	No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	HC - HCl
Comp	HS - H_2SO_4
Matrix	HN - HNO_3
AQ - Water	HP - H_3PO_4
SO - Soil / Sludge	OH - NaOH
OT - Other	ST - Sodium Thiosulfate
Bottle Type	AA - Ascorbic Acid
P - Plastic	AI - $AlCl_3$
G - Amber Glass	Cu - $CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions, including the price schedule, and any addenda or amendments thereto which are agreed to in writing. "Client" means the individual or entity who has requested laboratory services, including its employees, servants, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in rendering its services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may place services by submitting a written order or instruction to PCL. Any such order or instruction is an acceptance by the Client of PCL's offer to do business with the Client under the terms and conditions and as an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of compelling services constitutes the Client's unequivocal assent to be governed by these terms and conditions. No conflicting or additional terms and conditions even made in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services to conform with the normal standards of care prevailing in the profession. Where appropriate, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), U.S. Government (USGP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL's Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services not withstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable PCL Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the service materials provided by client or at client's request, and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has filed to pay PCL for all services rendered as otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses to protect its own confidential data and shall not be responsible for unauthorized disclosure of such data where such disclosure was allowed. PCL reports and information provided hereunder are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning PCL's methodologies, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and shareholder expenses including, but not limited to all costs from litigations, investigations and services arising in favor of client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to the agreement and/or transportation, handling or disposal of client's hazardous materials. In no event shall PCL be liable to client or any third party for any consequential, incidental or punitive damages, including, without limitation, loss of profits or business interruption. Litigation expenses or other fees (including, without limitation, attorney's fees, court costs, and interest on post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or as penalty provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples or materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances as which are defined, enumerated or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all successful analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of submission of the order for the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance may be required or collected if required for all new clients or clients requiring a change of payment and/or billing procedures established with PCL. For those clients with an established credit account, the terms for payment of charges are net 7 Days within thirty (30) days from the date of invoice. To the fullest extent permitted or as may be required by applicable law, any amount unpaid at the end of the thirty (30) days is subject to interest at the rate of the lesser of (a) one and one-half percent (1.5%) per month or the highest amount permitted by law. Amounts not paid when due may be collected through legal proceedings or by an attorney, in which case reasonable costs and attorney's fees will be added to the amount owed, including collection costs and court fees, if any.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only if in writing and executed by an officer of PCL and by duly authorized representative. Except for subsequent orders for additional services may be placed orally or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for its own account, and not as agent or servant, or in any other representation capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants and agrees that said data, information and reports are not intended, or shall not be used to relied upon in connection with or as part of any purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or concerning any of the foregoing, or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. For short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times are met. Short Holding Times of 48 hours or less (such as 24 hours) must be delivered that same day in order to ensure holding times are met. After hours, late deliveries, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the modification date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been rotated on to the schedule. Reasonable time has been allocated for travel, pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

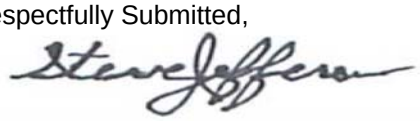
Attention: Ric Vardel
Report Date: 17-Jul-18 13:00
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18G0190-01) Collected: 10-Jul-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AG81021	2	15-Jul-18 (VL)	<2 mg/l	
pH	SM4500-H-B	AG81124	0.1	10-Jul-18 (SS)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AG81028	0.05	10-Jul-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AG81025	1.8	12-Jul-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AG81025	1.8	12-Jul-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 7/17/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18G0190

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Golan Kfir	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	7/10/18	11:00	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
	"	"	1	BOD	Grab	AQ	1L P	4°C	
	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by: GK	Golan IPC	7/10/18	
Received by: EC	Carlo PCL	7.10.18	1230
Relinquished by: EC	Carlo PCL	7.10.18	
Received by:			
Relinquished by:			
Received in lab by:	PCL	7.10.18	1600

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may receive laboratory services, including or excluding services and who is its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may accept services by submitting a written chain of custody (COC) to PCL. Any such order (or its receipt) or acceptance by the client of PCL's offer to do business with Client under the terms and conditions and / or agreements to be issued by these Terms and constitutes the Client's delivery of samples to PCL or initiation of requesting services constitutes the Client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions shall bind or a Client's payment shall be deemed acceptance of the services created upon examination of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4 Limit of Liability

PCL will perform the services in accordance with the general standards of workmanship in the profession, which shall mean PCL will use analytical methodologies which are substantially consistent with the U.S. Environmental Protection Agency (EPA), EPA Waterside and [illegible], American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the sample or otherwise based on the reasonable judgment of PCL. Deviations, if any, will be noted on a case-by-case basis in the recognized standard of laboratory and/or PCL's Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided hereon, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

When PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for assisting PCL of the same and all information required to exercise PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder without its approval for all services rendered and out of pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Each and the sample materials provided by client on behalf of client's request and the results obtained by PCL shall be held in confidence unless such information is generally available to the public at the time the public domain or client has told to pay PCL for all services rendered. It is otherwise in breach of the agreement, subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and materials be responsible for unauthorized disclosure of such data which uses standard use, dispersal. PCL reserves any information provided hereto, and for the exclusive use and benefit of client and client agrees that shall not make early, beneficial use of such reports, data or information. Client will not disclose to any third party any information concerning proposed form, software configuration or sample formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages claims, demands, causes of action, suits and associated expenses including but not limited to attorneys fees, judgments, fines and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous substance, toxic substance or waste, including death of persons, loss of, damage to, use of, or loss of use of property, and for any and all of every kind (collectively "Claims"). The indemnity does not apply to any of the foregoing Claims solely and to the extent they are caused by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to claims, losses, damages, actions of every kind and charges arising out of or in connection with the negligence or breach of contract by any person, first person, who then actual or alleged, in the performance of services under this agreement. The following indemnities will in addition to any statute which may exist in favor of PCL and the other indemnified persons. To the extent permitted by applicable law, client agrees that its indemnity and obligation will be supported by a one hazardous liability insurance coverage to be furnished by client, with limits not less than $[illegible] in the aggregate annually per client, which shall name PCL as an additional insured. Client shall not be liable for any consequential, punitive, special, indirect or incidental damages including, without limitation, loss of profit or business interruption, litigation expenses or other fees including, without limitation, attorney's fees, court costs, and the like or any judgement, interest, or any other expenses to costs incurred by client or any other party in any litigation against or involving PCL or any indemnified persons in connection with this agreement or any services provided under this agreement except if caused by the gross negligence of the indemnified party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive complete information for analyses such as: safe data, pollution control, chemicals, hazardous waste substances which are delivered, transported or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any failure to provide material received by PCL from client or at client's request shall relieve the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples at specified by client or by PCL's QA/QC policies. In the event the client does not specify it's preferred method of disposal, PCL will return to the client all unused samples which contain hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any lab per trial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of operations (or in case the services were provided in whole or in part during and upon completion of the work). PCL may from time to time change its price schedule at any time without notice. Payment for all services rendered and expenses incurred shall be due and payable in full upon receipt of invoice or as otherwise agreed to in writing between PCL and Client, or if credit has been established with PCL, for those clients with a established credit account, payments for payment of invoices are NET CASH within thirty (30) days from date of invoices, to the fullest extent permitted by law and applicable law, any amount unpaid or disputed for thirty (30) days thereafter shall bear interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees, agents, fees, associated with such collection proceedings or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is retaining services hereunder for its own account, and not as agent or trustee, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not to relied upon in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the SEC or any similar, the vesting, amendment, removal, or extension of any loan from any financial institution or other lender or the certification to or contracting, directly or indirectly, any governmental agency or instrumentality.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after hours conditions without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times will be provided to the client if requested. All analyses with holding times of 14 days or less, Sample must arrive within 96 hours or less. PCL to meet holding times without applying a rush surcharge. All short holding times (72 hours, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (fourteen hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional surcharges and/or the inability to meet holding times. All holding times in effect as of the publication date of this fee schedule will are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Extra storage long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Any excessive delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

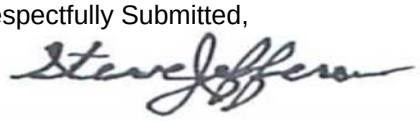
Attention: Ric Vardel
Report Date: 19-Jul-18 12:48
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18G0231-01) Collected: 11-Jul-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AG81211	2	17-Jul-18 (EA)	<2 mg/l	
pH	SM4500-H-B	AG81219	0.1	11-Jul-18 (SS)	7.6 pH Units	
Residual Chlorine	SM 4500 Cl-G	AG81131	0.05	11-Jul-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AG81123	1.8	13-Jul-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AG81123	1.8	13-Jul-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 7/19/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1860231

Customer: IPC, Inc.		**Project :** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** Carlos Alvarez	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	07/11/18	0930	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	07/11/18	
Received by			7.11.18	1215
Relinquished by			7.11.18	1500
Received by				
Relinquished by				
Received in lab by			7/11/18	1820

Sample Received Checklist

Temperature upon receipt: Yes
# of bottles agrees with COC? Yes No
Samples intact? Yes No
Samples properly preserved? Yes No
Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu -$CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"These Terms and Conditions" means these Terms and Conditions of Sale, including any price schedules, and any addenda or amendments hereto which are agreed to in writing. "Client" means the applicable customer receiving laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) then-existing price schedule or rate document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL act[illegible] as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following terms and conditions (collectively the "Terms"). These Terms constitute a binding agreement including which does not incorporate the Terms. No modifications of the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and of PCL.

The Client may order services by submitting a written order of intent to (SOI) to PCL. Any such order constitutes 1. an acceptance by the Client of PCL's offer to do business with the Client under the terms and conditions and 2. an agreement to be bound to these terms and conditions. The Client's delivery of samples to PCL or solicitation of [illegible] services constitutes the Client's express assent to be governed by these terms and conditions. No additional or additional terms and conditions appearing in a client's document shall be deemed to become a part of the agreement created upon acceptance of the terms and conditions.

For purposes of this agreement, "analysis" shall mean all work to be performed for the client, including preparation of all reports and materials to be furnished to PCL.

4. Limit of Liability

PCL will perform the services in accordance with the testing standards prescribed by the profession where applicable. PCL will utilize analytical methodologies which are recognized by competent authorities (e.g. the U.S. Environmental Protection Agency (EPA), CA Water Board (EPA), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods for the Examination of Water and Wastewater, and/or other recognized methodologies). PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature of composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC protocol. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel perform the sampling, the client shall be responsible for the condition which the samples are collected and for sensitivity to and about the sampling site and the advising PCL of the same and all information required to enable PCL to perform its services safely and effectively.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and test reports relating to analysis performed for clients at client's request and the results contained in PCL shall be held in confidence unless such information is generally available to the public or in the public domain or [illegible] law or by PCL for all services rendered or is otherwise in connection with the agreement. Subject to any disclosure required by lawful or legal process, PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such data when such disclosure was required. PCL reports and information prepared thereon are for the exclusive use and benefit of client and client against whom shall be no third party beneficiaries or such reports, data or information. Client will not disclose to any third party any data or information resulting from such analysis, software programs or other services.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against all costs or liabilities, losses or damages, claims, demands, causes of action, suits and reasonable expenses including, but not limited to, all court fees, the litigation expenses and reasonable attorneys' fees of client or any third party as a result of, and/or in any way arising in respect to, arising out of, or in connection with the performance of services by PCL or pursuant to, yet expressly excluding, liabilities, damages or expenses to the extent caused by the negligence or willful misconduct of PCL or its employees. Further, [illegible] shall specifically agree to forever, [illegible] indemnify, defend and hold harmless PCL from and against any and all claims, demands, causes of action, suits, losses, damages and liabilities of every kind and character. This indemnity shall apply to any and all liabilities, losses, damages, claims, demands, or causes of action asserted by any [illegible] or [illegible] in connection with the negligence or omission of PCL or its employees, whether active or passive, in the performance of [illegible] services under this agreement. The foregoing indemnities will not extend to or indemnify PCL for its own negligence or willful misconduct. In the event that PCL is found to be liable to client for any reason, including, without limitation, loss of profit or business interruption, [illegible] expenses or other items including, without limitation, attorney's fees, court costs, and/or [illegible] judgment amounts, or any other amounts or costs incurred by client or any third party in any litigation against, or involving PCL or any officer, employee or consultant in connection with this agreement or its services performed under this agreement, even if PCL is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as soil, [illegible] shipments, bacteria or any other [illegible] of hazardous materials, wastes and substances which are defined, determined or described as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any official or administrative interpretation of any thereof) (the "Hazardous Substances") and services that are hazardous material received by PCL from client or at client's request shall remain the property of client and, upon normal completion of PCL's services, PCL will dispose of all unused portions of samples or specimens by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for [illegible] analysis shall also be charged a sample disposal fee per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of submission on the date the services were rendered or such prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance of client analysis is considered a required for all new clients or where a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET [illegible] days from date of invoices. To the fullest extent permitted [illegible] by applicable law, any amount unpaid on the [illegible] days is subject to interest at the lesser of the maximum rate permitted by law or [illegible] per month (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agency fees associated with such collection procedure or actions.

13. Agreement Modification

[illegible] modifications or amendments to the Terms shall be effective only if in writing and executed by an officer of PCL and its client's authorized representative, except that [illegible] contain for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is receiving services exclusively for [illegible] account, and not as agent or broker, or in any other representative capacity for any other [illegible]. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not to be shown or sold to or relied upon in connection with or as part of the purchase, sale, underwriting, or distribution of any securities. Any permitted use of the reports or the names of any person, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the syndication to or participation with [illegible] or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times for any samples received because all samples that are received on weekends or after 2pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to the samples being received by PCL. Lists of holding times can be provided to the client if requested. All analytes with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All more holding times, 7 days, samples must arrive at the lab within 72 hours before exposure to ensure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria, pH, Nitrate) must be delivered same day sample is drawn to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of our fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after all analysis has been completed. Sample storage for longer periods is the client's responsibility. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noted on the fee schedule. Reasonable time has been allocated for each pick up/service. Unnecessary delays during the pick up or sampling, might be charged an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 19-Jul-18 12:46
Subject: (MCC) Monthly EFF

Project/P.O.#: (MCC) Monthly EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18G0230-01) Collected: 11-Jul-18 By IPC						
Boron	EPA 200.7	AG81206	0.10	12-Jul-18 (AF)	1.05 mg/l	
MBAS	SM 5540C	AG81217	0.08	12-Jul-18 (LA)	<0.08 mg/l	
Oil & Grease (HEM)	EPA 1664A	AG81312	5	16-Jul-18 (VD)	<5 mg/l	
Phosphorus, Total as P	EPA 365.1	AG81631	0.03	16-Jul-18 (LA)	0.08 mg/l	
Total Dissolved Solids	SM 2540C	AG81213	5	13-Jul-18 (EA)	692 mg/l	
Chloride	EPA 300.0	AG81625	1.0	17-Jul-18 (PL)	258 mg/l	
Sulfate as SO4	EPA 300.0	AG81625	0.5	17-Jul-18 (PL)	139 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 7/19/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1860230

Customer: IPC, Inc.		**Project :** (MCC) Monthly EFF	
Address: 9297 Research Drive		**Sampled by:** Carlos Alvarez	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	07/11/18	0930	1	SO4, Cl, TDS	Grab	AQ	1/2 Gal. P	4°C	
			1	MBAS	Grab	AQ	500 P	4°C	
			1	Oil & Grease	Grab	AQ	1L G	HC	
			1	Boron	Grab	AQ	250 P	HN	
			1	T.Phos	Grab	AQ	250 P	4°C	
Geotracker EDD:									
Logcode: IPCI Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (CPC)	07/11/18	
Received by			7-11-18	12:15
Relinquished by			7-11-18	1500
Received by				
Relinquished by				
Received in lab by			7/11/18	1500

Sample Received Checklist

Temperature upon receipt: 4 4°

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	**HC** - HCl
Comp	**HS** - H_2SO_4
Matrix	**HN** - HNO_3
AQ - Water	**HP** - H_3PO_4
SO -Soil / Sludge	**OH** - NaOH
OT - Other	**ST** - Sodium Thiosulfate
Bottle Type	**AA** - Ascorbic Acid
P - Plastic	**Al** - $AlCl_3$
G - Amber Glass	**Cu** -$CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

2. Independent Contractor

3. Orders and acceptance

4. Limit of Liability

5. Clients Responsibility

6. Cancellation

7. Overriding Agreement

8. Force Majeure

9. Confidentiality

10. Hold Harmless

11. Hazardous Substances

12. Prices/Payments

13. Agreement Modification

14. No Third Party Beneficiaries: No Right of Reliance

15. Rush Analysis

16. Holding Times

17. Sample Retention

18. Sample Pick Up/Field Tech Sampling

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

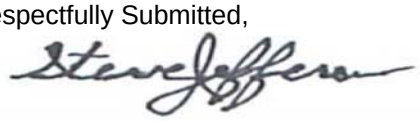
Attention: Ric Vardel
Report Date: 19-Jul-18 12:43
Subject: (MCC) Weekly INF

Project/P.O.#: (MCC) Weekly INF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
INF (Sample I.D.# : 18G0228-01) Collected: 11-Jul-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AG81211	2	17-Jul-18 (EA)	210 mg/l	
Total Suspended Solids	SM 2540D	AG81214	1	13-Jul-18 (EA)	110 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 7/19/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1460228

Customer: IPC, Inc.		Project : (MCC) Weekly INF	
Address: 9297 Research Drive		Sampled by:	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
INF	07/11/18	0950	1	TSS	Grab	AQ	1L P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (SRL)	07/11/18	
Received by			7-11-18	1245
Relinquished by			7-11-18	1500
Received by				
Relinquished by				
Received in lab by			7/12/18	1500

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	**HC** - HCl
Comp	**HS** - H_2SO_4
Matrix	**HN** - HNO_3
AQ - Water	**HP** - H_3PO_4
SO -Soil / Sludge	**OH** - NaOH
OT - Other	**ST** - Sodium Thiosulfate
Bottle Type	**AA** - Ascorbic Acid
P - Plastic	**Al** - $AlCl_3$
G - Amber Glass	**Cu** -$CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of use, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and for or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written shall of full order (SOO) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or invitation of consulting services constitutes the client's assent to and to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession where applicable. PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and the PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided hereon, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provision to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder, subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform hereinafore pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by or on behalf of Client's request and the results obtained by PCL shall be held in confidence unless such information is generally available to the public or in the public domain or client has tried to pay PCL for all services rendered or in otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reserves and intentionally preserves and for the exclusive use and benefit of client and Client agrees there shall be no third party beneficiaries of such respect. Use of information, Client will not disclose to any third party any information concerning technical information, software programs or other technologies.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to attorneys' fees, investigation, expenses and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement (and/or the presence on, handling or disposal of client's hazardous materials, if any). Release or death of person, or loss of, damage to, or injury to any kind of property, and/or 3. incomplete loss of every kind of property. This indemnity shall specifically apply to claims, damages, actions or suits that are brought arising out of or in connection with the negligence or breach of contract by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other Indemnified Persons. To the extent necessary or the applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the minimum amounts permitted under applicable law. In no event shall PCL be liable to client for direct, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption, Litigation Expenses or other loss (including, without limitation, attorney's fees, court costs and/or pre-and post-judgment interest), or any other indirect, or your incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or as provided under this agreement even if client or the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples material for analyses such as asbestos, polychlorinated biphenyls, batteries or any other hazardous or noncombustible, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any revision or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify it's preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for asbestos bulk analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and price lists.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of operations on the date the services were rendered or with prices quotes and rates confirmed in writing. The price schedule is subject to change at any time without notice. Payment in accordance of which an invoice is completed is required for all new clients or until a history of prompt and/or cyclic payment has been established with PCL. For those clients with an established credit account. The terms for payment of charges are net 30 calendar days (30) days from date of invoices. To the fullest extent permitted by all applicable law, any amounts unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If account amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees in accordance with established and customary procedures or statute.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client's authorized representative. Verbal (but subsequent) orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client in securing services has relied for its own purposes, and not to report or benefit, or in any other representative capacity for any other person or party. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that such data, information and reports are not to be used, or shall be used or relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities. Any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the verification to or communication with agencies or instructions, any governmental agencies or departments.

15. Rush Analysis

Rush analysis are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 24 hours or less, samples must arrive within 36 hours to allow PCL to meet holding times without applying excess surcharge. For most holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to assure that the holding times can be met. Short Holding Times of 48 hours or less (chemical) must be delivered that same day in order to guarantee holding times are met. After hours, late deliveries, weather conditions, delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Remote storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

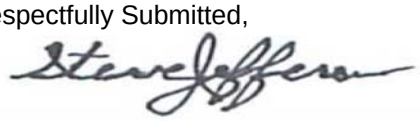
Attention: Ric Vardel
Report Date: 19-Jul-18 12:50
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18G0259-01) Collected: 12-Jul-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AG81309	2	18-Jul-18 (SGS)	17 mg/l	
pH	SM4500-H-B	AG81830	0.1	12-Jul-18 (SS)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AG81313	0.05	13-Jul-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AG81210	1.8	14-Jul-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AG81210	1.8	14-Jul-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 7/19/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1860259

Customer: IPC, Inc.		**Project :** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** Carlos Alvarez	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	07/12/18	1045	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
	"	"	1	BOD	Grab	AQ	1L P	4°C	
	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (ARE)	07/12/18	
Received by	EB	EB	7-12-18	1200
Relinquished by				
Received by				
Relinquished by				
Received in lab by			7/13/18	1300

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu -$CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. **Definitions**
"Terms and Conditions" means these Terms and Conditions of Sale, including the price schedule, and any additions or amendments to the above and agreed to in writing. "Client" means the individual or entity who may request laboratory services. Consulting or sampling services and fees in this Terms, Conditions, Insights and Recommendations. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. **Independent Contractor**
PCL acts solely as an independent contractor in performing all services.

3. **Orders and Acceptance**
PCL offers and will accept orders for services as defined herein only under the following General Terms and Conditions (the "Terms"). These Terms may not apply if (1) and the client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.
The Client may order services by submitting a written order requesting PCL to PCL. Any such order constitutes (1) an acceptance by the Client of PCL's offer to do business with the Client under the terms and conditions and (2) an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions except in a client's purchase shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.
For purposes of this agreement, "services" shall mean all work to be performed for the Client, including provision of all equipment and materials to be furnished by PCL.

4. **Limit of Liability**
PCL will perform the laboratory services in accordance with the normal standards of workmanship in the profession, where applicable. PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), Ca Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves our right to deviate from these methodologies if necessary or appropriate due to the nature or circumstances of the samples or other data based on the reasonable judgement of PCL. Determinations of analytes will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or supervisors to the client arising out of PCL's performance with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and the proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. **Clients Responsibility**
Unless PCL personnel performs the sampling, the client shall be responsible for the collection which the samples are collected and for conditions in and about the sampling site and for allowing PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. **Cancellation**
Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. **Overriding Agreement**
The parties agree that the Terms shall govern performance of client's laboratory and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are included in writing and executed by an authorized representative of both parties.

8. **Force Majeure**
PCL shall not be responsible for delay or failure to perform that results from or in part as this agreement due to causes beyond its control.

9. **Confidentiality**
Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information generally available to the public or in the public domain or client has had to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of that data when using standard mail, absent gross negligence. PCL reports and information provided hereunder are for the exclusive use and benefit of client and third parties. There shall be no third party beneficiaries to such reports, data or information. Client agrees to disclose to any third party any information concerning PCL's performance under this agreement only with the prior written consent of PCL.

10. **Hold Harmless**
Client releases and shall hold, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all claims, losses or damages, claims, demands, causes of action and costs of whatever kind, including, but not limited to all costs from the litigation, including, and awards arising in favor of Client or any third party as a result of, and/or in any way relating to the Client's sampling, report, or in connection with the performance of services by PCL pursuant to this agreement, and/or transportation, handling or disposal of such hazardous materials. Client shall indemnify PCL for any and all costs, fees, or damages, as well as for the loss or use of property and any personal injury of every kind or character. This duty to indemnify applies to any of the foregoing claims, losses, damages, or causes of action unless it is the direct negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to claims, losses, damages, actions of every kind and character arising out of or in connection with the negligence (or breach of duty of care by any subsequent carrier, whether actual or alleged, in the performance of services under this agreement. The foregoing responsibilities will survive termination, validity and/or the completion of this agreement. Client agrees to be responsible for all costs, including attorneys fees, court costs, and/or any other expenses incurred by PCL in any litigation, arbitration, mediation, collection proceedings, bankruptcy, administrative proceedings, or other proceedings, including, but not limited to, attorney's

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

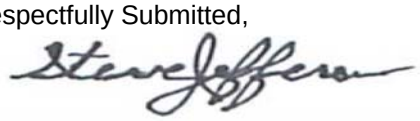
Attention: Ric Vardel
Report Date: 25-Jul-18 11:55
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18G0285-01) Collected: 13-Jul-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AG81534	2	20-Jul-18 (SGS)	<2 mg/l	
pH	SM4500-H-B	AG81830	0.1	13-Jul-18 (SS)	7.2 pH Units	
Residual Chlorine	SM 4500 Cl-G	AG81430	0.05	14-Jul-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AG81311	1.8	15-Jul-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AG81311	1.8	15-Jul-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 7/25/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1860285

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine	CA 92618	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	07/13/18	1030	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	07/13/18	
Received by			7/13/18	1203
Relinquished by			7/13/18	1502
Received by				
Relinquished by				
Received in lab by			7/13/18	1520

Sample Received Checklist

Temperature upon receipt: 4°C
# of bottles agrees with COC? Yes No
Samples intact? Yes No
Samples properly preserved? Yes No
Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these terms and conditions of sale, including any case schedule, and any terms or amendments to the same which are agreed to in writing. "Client" means the customer or entity who may receive laboratory services, including entering services and quotations, agreements, work plans and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

All orders are subject to these terms for services (or deliverables). Any additional or different terms and conditions (the "Terms"). These Terms include, apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modification to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may order services by submitting a written purchase order (PO) to PCL. Any such order constitutes an acceptance by the Client of PCL's offer to be bound by the Terms under the terms and conditions and all agreements are bound by these Terms and conditions.

The Client's delivery or delivery to PCL's facilities of samples constitutes the Client's express assent to be governed by these terms and conditions. Any verbal or additional terms and conditions submitted by a Client's document shall be deemed to be modified a part of the contract - related communications of the terms and conditions.

For purpose of this agreement, "conduct" shall mean all work to be performed for the Client, including provision of all equipment and materials to be provided by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of care prevailing in the profession where applicable. PCL will conduct tests or analyses which are in accordance with the U.S. Environmental Protection Agency (EPA), U.S. Department of Labor (DOL), American Society for Testing and Materials (ASTM), these, state of Illinois Statutory Chemists (SSOFC), Standard Methods (SM) of the Examination of Water and Wastewater, and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the professional judgment of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or the DAQOC policies. The total liability of PCL, its officers, agents, employees or successors to the Client arising out of or in connection with the services to be provided hereto, whether such liability is based on breach of contract, tort (including negligence), strict liability or otherwise, shall not exceed the amount paid by Client for the services rendered hereunder. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for assuring PCL of the same and all information and conditions as may be necessary for PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and cost of goods and services incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally except to the extent the Terms are modified in writing and signed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for failure or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request, and the results obtained by PCL shall be held in confidence unless such information is publicly available or the public or the public. Except as provided for herein or by PCL for an express business or in connection or breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses to protect its own confidential data and studies for responsible for unauthorized disclosure of information provided hereunder by client. PCL reports and information provided hereunder are for the exclusive use and benefit of client and client agrees that shall be no third party beneficiaries or such reports, data or information. Client will not disclose to any third party any information concerning PCL's business affairs, software, customer list or pricing.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses, damages, claims, demands, causes of action, suits and expenses including, but not limited to all costs from the negligence, omissions and wrongful conduct of Client or any third party as a result of, and/or in any way directly incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or the presence, existence or disposal of any hazardous materials, unless caused by the sole negligence or breach of contract of any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will include, but not be limited to, which the client might incur, pay or become obligated to pay, and any and all losses or expenses whatsoever incurred by client or asserted against client by any third party, including, without limitation, reasonable attorney's fees, court costs and costs of appeal, and any and all expenses incurred by client in enforcing any judgment in favor of client against any party, and any and all costs incurred by client or asserted against client in connection with this agreement or the services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL's disposal of the samples requested by client, client will provide and PCL will receive complete information for analytical work to be done, and chlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or classified as such under federal, state or local laws, rules, regulations or requirements (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous materials received by PCL from client or at client's request shall remain the property of client and that, upon completion of PCL's services, PCL will dispose of all unused portions of samples or specified by client or by PCL's DAQOC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for aerobic bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our DAQOC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of quotation for the date(s) services were performed or work products issued and been performed in writing. The price schedules subject to change at any time without notice. Payment in advance or upon analysis is considered required for all new clients or those clients or projects where credit account has been established with PCL. For those clients with an established credit account, the terms for payment of all invoices are CASH within thirty (30) days from date of invoice. To the fullest extent permitted by law by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees to PCL. For associated with such collection, proceedings or actions.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and no claims based on representations, verbal or subsequent actions for additional services may be served at in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is retaining services to manage its own assets, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third-party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that such data, information and reports are not requested, or shall be used to relied upon, in connection with, or as part of, the purchase, sale, underwriting, or distribution of any securities, and periodic or other reporting in the nature of any periodic, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the participation in or communicating with directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal policy will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or other non-workdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 24 days or less, samples must arrive within 24 hours to allow PCL to meet holding times without applying a rush surcharge. All tests having a 2-3 days, samples must arrive at the lab, within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria, pH, etc.) should be addressed immediately in order to ensure holding times are met. After hours, late receipts, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods by request only. Prolonged long term storage is subject to an additional charge. Samples will be discarded at the end of the prearranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been stated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

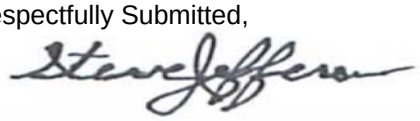
Attention: Ric Vardel
Report Date: 25-Jul-18 11:57
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18G0302-01) Collected: 14-Jul-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AG81534	2	20-Jul-18 (SGS)	2 mg/l	
pH	SM4500-H-B	AG81830	0.1	14-Jul-18 (SS)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AG81531	0.05	15-Jul-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AG81429	1.8	17-Jul-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AG81429	1.8	17-Jul-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 7/25/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1860302

Customer: IPC, Inc.		**Project:** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** Carlos Alvarez	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	07/14/18	0755	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by	C. Alvarez	Carlos Alvarez (SCE)	07/14/18	
Received by				
Relinquished by	Jose L Gomez	Jose L Gomez	7/14/18	1120
Received by				
Relinquished by				
Received in lab by				

Sample Received Checklist

Temperature upon receipt: _____

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and conditions of sale, including the price schedule, and any additional agreements or terms which are agreed to in writing. "Client" means the individual or entity who has requested laboratory services, consulting or sampling services and his or its heirs, successors, assigns and any and representatives. "Price Schedule" means Pat Chem Laboratories (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services as defined herein and only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications of the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and is an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's unqualified assent to be governed by these terms and conditions. No additional or different terms and conditions appearing on a client's document shall be deemed to constitute a part of the contract, except upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are substantially consistent with the U.S. Environmental Protection Agency (EPA), CA Waterboard (CLIP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC) Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the conditions which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Each and the sample matrices provided by Client or at Client's request and the results obtained by PCL shall be held in confidence unless such information is generally available to the public or in the public domain or must be disclosed to perform PCL services or pursuant to enforcement of this agreement, subject to any disclosure required by law or legal process. Each party shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL's reports and information provided thereto are for the exclusive use and benefit of Client and Client agrees there shall be no third party beneficiary of such reports, data or information. Client shall not disclose to any third party any information concerning technical information, software processes or other confidences.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to attorneys' fees (the "Litigation") asserted and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement, except from gross negligence or intentional misconduct of PCL or its employees. Further, and without limitation, Client specifically agrees to release, absolve, indemnify, defend and hold harmless PCL from any and all claims, damages, actions or suits of any kind and nature, including cost of clean up or cost recovery, with the exception of those caused by the negligence or breach of contract by any indemnified person, whether active or passive, in the performance of services under this agreement. The foregoing indemnities will be in addition to and not in lieu of any other rights that we have in PCL and the other Indemnified Persons. To the extent not expressly prohibited by applicable law, Client agrees that any indemnity obligation will be supported by adequate liability insurance coverage to be furnished by client, which coverage shall, to the maximum amounts permitted under applicable law, in no event shall PCL be liable to client for indirect, exemplary, special, incidental or consequential damages (including without limitation, loss of profits or business interruption) even if such damages or costs were foreseeable, attorney's fees, court costs and costs of pre- or post-judgment interests, or any other expenses or costs incurred by client or any third party, arising out of or resulting PCL or any indemnified person in connection with this agreement or as otherwise provided under this agreement, even if PCL has been advised of the possibility of such damages.

11. Hazardous Substances

For PCL's work from the services requested by client, client will provide and PCL will receive samples or materials for analysis such as asbestos, polychlorinated biphenyls, pathogens or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous materials received by PCL from client or at the client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for asbestos (asbestos analysis) client will be charged a sample disposal fee per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operation at the time the services were scheduled or with prices quoted and taken / confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or clients's history of payment and/or credit issues has not been established with PCL. Surplus to clients with an established credit account, the terms for payment of charges are NET (A) within thirty (30) days from date of invoices, to the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balance. Unpaid accounts are collected by legal proceedings or by an attorney. The client shall pay reasonable costs and attorney's fees or agents, fees associated with such collection activities and expenses.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective and enforceable only if set out in writing and executed by an officer of PCL and the client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client is acquiring services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that all work and any reports, or work, data, information or reports, Client represents, warrants, and agrees that said data, information and reports are not relied on or used by or relied upon, in connection with or part of, the purchase, sale, underwriting, syndication or valuation of any securities, any personal or other property, by the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the participation in or contracting with directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analysis are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are received on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any sample being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times, without applying a rush surcharge. All short holding times, 7 days, samples must arrive at the lab, within 24 hours before we are able to ensure that the holding time can be met. Short Holding Times for all bacteriological tests (bacteria in Potable Water) are processed immediately upon receipt to guarantee holding times are met. After hours, late deliveries, courier company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is for request only. Prolonged long term storage is subject to an additional charge. Samples will be disposed of at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been stated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed as additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

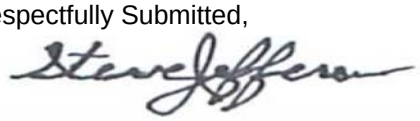
Attention: Ric Vardel
Report Date: 25-Jul-18 12:00
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18G0307-01) Collected: 15-Jul-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AG81732	2	22-Jul-18 (VL)	<2 mg/l	
pH	SM4500-H-B	AG81830	0.1	15-Jul-18 (SS)	6.9 pH Units	
Residual Chlorine	SM 4500 Cl-G	AG81638	0.05	16-Jul-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AG81530	1.8	18-Jul-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AG81530	1.8	18-Jul-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 7/25/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1860307

Customer: IPC, Inc.		**Project :** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** JULIO LEAL	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	07-15-18	08:30	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
	〃	〃	1	BOD	Grab	AQ	1L P	4°C	
	〃	〃	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	JULIO LEAL	7-15-18	11:30
Received by	Jordan Corkern	7/15/18	11:50
Relinquished by			
Received by			
Relinquished by			
Received in lab by	Jordan Corkern	7/15/18	13:55

Sample Received Checklist

Temperature upon receipt: _____

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu -$CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of Sale, including the price schedule, and any exhibits or addenda hereto, which are agreed upon in writing by Client. "Client" means the individual or entity who has placed the order for, requested a quote for, or is receiving services from PCL. "Services" means the analytical testing, sampling, consulting, data validation, interpretation, and reporting services to be provided by PCL as described in the applicable Pat-Chem Laboratories (PCL) quotation and price schedule, as such services may be amended or modified from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services only on the terms and conditions set forth in the following Standard Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client have signed a separate agreement covering the same subject matter as these Terms. Any modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may order services by submitting a written Chain of Custody (COC) to PCL. Any such order constitutes an acceptance by the Client of PCL's offer to do business with the Client under the Terms and Conditions and the Client agrees to be bound by those Terms and Conditions. The Client's delivery of samples to PCL or authorization for sampling services to proceed by the Client expressly assents to the Terms and Conditions. No additional or different terms and conditions proposed by Client shall be deemed to be part of the contract unless specifically agreed to in writing by PCL.

The term "Project" as used in these Terms and Conditions shall mean all work to be performed for the Client, including production of all documents and information to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of care and diligence of the profession (where applicable). PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA WaterReuse (CASA), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater, and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the professional judgment of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOPs), and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or subcontractors to the Client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for the services (all without limiting any provisions to the contrary in any client purchase orders or contracts).

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the completion of the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether preceded in writing or verbally except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform its obligations pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample information supplied by the client or Client's designee and the reports delivered by PCL shall be held in confidence by each party, except to the extent required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information are provided solely for the exclusive use and benefit of Client and Client agrees that shall be no third party beneficiaries of such reports, data or information. Client will not rely upon any third party representations, findings, interpretations, opinions, positions or other information.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent companies from and against any and all liabilities, losses, or damages, claims, demands, suits, causes of action, costs and reasonable expenses, including but not limited to attorneys' fees, litigation expenses and defense costs in favor of Client or any third party as a result of, and/or in any way relating, incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or subsequent orders, including any alleged negligent, intentional, or strictly statutory acts or omissions of PCL, its employees, agents, subcontractors, or anyone for whom PCL is legally responsible, and/or any breach of this agreement by PCL, except to the extent that any such claim, loss, damage, action or expense is caused by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to, but not be limited to, claims brought against or asserted by Client in connection with the performance of services under this agreement, which claims are based in whole or in part upon the alleged negligent or willful misconduct of PCL or its employees. Client's duty to indemnify, defend and hold harmless PCL shall survive the termination of this agreement.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples, materials for analyses such as samples, contaminated ingredients, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or classified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of such) (collectively "Hazardous Materials"). Client understands and agrees that any hazardous materials received by PCL in connection with client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for asbestos bulk analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client must pay PCL in accordance with PCL's applicable price schedule in effect at the time of quotation or on the date the services were rendered or such prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or upon analysis is required for all new clients or until a history of acceptable credit terms has been established with PCL. For client clients with an established credit account, the terms for payment of charges are NET 30 days from date of invoice. To the fullest extent permitted by law, by any method, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate allowed by law or one and one half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agent's fees established with such collection proceedings or actions.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is creating no rights hereunder for its agents, employees, or representatives, or for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement. Client shall not make public any of PCL's data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not intended, or shall not be used to rely upon, in connection with or as part of the purchase, sale, underwriting, or syndication of any obligation, any pending or other negotiations for the transfer of any security, the securing of any loan, any financial contribution or other lender or the certification to or compliance with specific or unspecific, any governmental agency or requirement.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded for any of samples that are received on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. Most of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 36 hours to allow PCL to meet holding times without penalty. Exceptions may be given holding times of 3-7 days, samples must arrive at the lab within 24 hours before extra work to ensure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria or 15 hours) must be delivered same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for 30 days (60 days after analysis has been completed. Sample storage for longer periods is by request only. Prearranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each visit or service. Unnecessary delays during the pick up or sampling might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

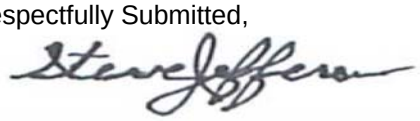
Attention: Ric Vardel
Report Date: 25-Jul-18 12:02
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18G0320-01) Collected: 16-Jul-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AG81732	2	22-Jul-18 (VL)	<2 mg/l	
pH	SM4500-H-B	AG81830	0.1	16-Jul-18 (SS)	7.3 pH Units	
Residual Chlorine	SM 4500 Cl-G	AG81731	0.05	17-Jul-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AG81637	1.8	18-Jul-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AG81637	1.8	18-Jul-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 7/25/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1860370

Customer: IPC, Inc.		**Project:** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** Carlos Alvarez	**P.O. #:**
Irvine	CA 92618	**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	07/16/18	1045	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
"	"	"	1	BOD	Grab	AQ	1L P	4°C	
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	07/16/18	
Received by		Eric	7-16-18	1200
Relinquished by				
Received by				
Relinquished by				
Received in lab by			7/16/18	1340

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of Sale, including the price schedule, and any amendments or supplements which are agreed to in writing. "Client" means the individual or entity who or which requests services, products or samples pertinent and for or its heirs, successors, assigns and representatives. "Price Schedule" means the Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services as defined herein only under the following General Terms and Conditions (the "Terms"). These Terms shall apply if PCL and the Client have not executed a separate agreement in writing with terms addressing identical terms. All modifications to the Terms that are in conflict and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written change of request to PCL. Any such order constitutes an acceptance by the client of PCL's offer to do business with the client under the Terms and Conditions and PCL will proceed to be bound by these Terms and Conditions. The client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No conflicting or additional terms and conditions submitted by a client's response shall be deemed to form a part of the contract absent a written acceptance of the terms and conditions.

For purposes of this agreement, "Services" shall mean all work to be performed by the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of experimentation in the profession and/or application. PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), 2 Westborough (ITSAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) or the Examination of Water and Wastewater, and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if conditions or appropriate due to the nature or composition of the samples or as otherwise based on the reasonable judgment of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL's standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the lesser of $500 or amount for said services. Client's acceptance of a price order bid for payment releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for proper notice and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and effectively.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of each client order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are overridden in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform its services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and/or samples furnished by client or at client's request and the results obtained by PCL shall be held in confidence unless such information is generally available to the public at the time public release or client has filed or pay PCL for all services rendered in connection herewith or the agreement subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses to protect its own confidential data and shall not be responsible for unauthorized disclosure of such data while such data is in transit. All reports and information provided hereto shall be the exclusive use and benefit of client and shall not be used by PCL without written consent of client. Upon request, data or information, client will not disclose to any third party any information regarding technical information, methods, processes or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and proceedings, expenses including, but not limited to, attorneys' fees, investigation expenses and court costs, arising in favor of client or any third party as a result of, and/or in any way resulting incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or representations, failure to perform, or client's failure to fulfill any duties, illness or death of persons, loss of, damage to, loss of use of property of any kind or character. This indemnification applies to any of the foregoing claims, suits, damages, or judgments caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to claims, liability, damages, actions of every kind and description arising out of or in connection with the negligence or alleged negligence of PCL or any independent person, whether actual or alleged, in the performance of service under this agreement. The foregoing indemnities will be in addition to any rights to which the above parties may be entitled at law, and the other rights of the parties. In the event that laws under applicable law, client agrees that its indemnity obligation will be subject only to the extent of client's liability as allowed under law. Client agrees to be furnished by client, all of the above shall be to the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for consequential, punitive, special, incidental or compensatory damages including, without limitation, lost profits or business interruption losses or other losses including, without limitation, attorney's fees, court costs, and/or any other judgment interest, or any other expenses of any kind incurred by client or any other party in any litigation against or involving PCL or any person that participates in connection with this agreement or any services provided under this agreement except claims of the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (collectively "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request, shall remain the property of client and, upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for analysis become client's property. Client will be charged a sample disposal fee per sample submitted. In accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of completion of the work. All services were rendered at such prices quoted and client authorized in writing. The price schedule is subject to change at any time without notice. A surcharge is assessed on all analysis accomplished or required for all new clients or upon a history of delayed and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH upon Submittal. All days from date of invoices. To the fullest extent permitted by all by applicable law, any amount unpaid at the end of thirty (30) days shall accrue interest at the lesser of the maximum rate permitted by law or one and one half percent (1.50%) per month on the unpaid balance. If unpaid amounts are submitted through legal proceedings or by an attorney, the client must pay reasonable costs and attorney's fees to accept fees associated with each collection proceeding as billed.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only when in writing and executed by an officer of PCL and the client. Authorized reports of any kind that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use or reliance on data, information, or reports for other by PCL. Client is securing services hereunder for its own benefit, and not as agent or broker, or in any representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not to be relied on or used to result upon in connection with or as part of the purchasing, sale, underwriting, or distribution of any securities, and intends to or other reporting to the holders of any security, the securing, arrangement, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL should be responsible for holding times that are exceeded because of samples that are received on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be developed prior to any sampling performed by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 3-7 days, samples must arrive at the lab within 24 hours, before expiration to ensure that the holding times can be met. Short holding times of 48 hours or less for bacteria must be delivered the same day of collection to guarantee holding time is met. After hours, late delivery, weight company delays or similar issues are subject to additional rush fee and/or the ability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the storage period unless otherwise requested.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 25-Jul-18 12:05
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18G0349-01) Collected: 17-Jul-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AG81824	2	23-Jul-18 (SGS)	<2 mg/l	
pH	SM4500-H-B	AG81830	0.1	17-Jul-18 (SS)	7.7 pH Units	
Residual Chlorine	SM 4500 Cl-G	AG81827	0.05	18-Jul-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AG81728	1.8	19-Jul-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AG81728	1.8	19-Jul-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 7/25/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 180349

Customer: IPC, Inc.		**Project:** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** Carlos Alvarez	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	07/17/18	1115	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	Carlos Alvarez (SSC)	07/17/18	
Received by	David Lam	7/17/18	1354
Relinquished by	David Lam	7/17/18	1634
Received by			
Relinquished by			
Received in lab by		7/17/18	1634

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab **Comp**	**HC** - HCl **HS** - H_2SO_4
Matrix **AQ** - Water **SO** -Soil / Sludge **OT** - Other	**HN** - HNO_3 **HP** - H_3PO_4 **OH** - NaOH **ST** - Sodium Thiosulfate
Bottle Type **P** - Plastic **G** - Amber Glass **VOA** - 40 ml Vial **Coli** - bacteria	**AA** - Ascorbic Acid **Al** - $AlCl_3$ **Cu** -$CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including any cover schedule, and any amendments or variations which are agreed to in writing. "Client" means the individual or entity who/that requests laboratory services, consulting or sampling services and how to. Patchem, Laboratories, Weight, and Manufacturing. "Price Schedule" means Pat Chem Laboratories (PCL) standard price schedule in force. Comments may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services as defined herein and only on the following General Terms and Conditions (the "Terms"). These Terms and Conditions apply to PCL and the client and shall prevail in the event of any conflict with any terms and conditions contained in any purchase order or other document submitted by the client. PCL's failure to object to provisions contained in any purchase order or other document submitted by the client shall not be deemed a waiver of PCL's rights or the client's obligations under these Terms and Conditions. No additional or different terms and conditions proposed by the client shall be binding unless agreed to in writing and signed by an authorized representative of the client and PCL.

The client may place orders by submitting a written draft of each of the [QQC] to PCL does both orally communicate, in accordance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The client's delivery of samples to PCL or in addition of submitting services constitutes the client's express assent to be governed by these terms and conditions. No additional terms and conditions proposed by a client's document shall be deemed to become a part of the contract, and PCL's acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of performance in the profession where applicable. PCL will use such commercially reasonable efforts to comply with the U.S. Environmental Protection Agency (EPA), U.S. Occupational Health Administration (OSHA), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods Committee, Association of Water and Wastewater, and/or other recognized testing bodies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOPs) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors or assigns arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition in which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services prior to receipt of report by payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform its obligations pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the identity of samples tested by client or at client's request and the results obtained by PCL shall be held in confidence unless such data is otherwise generally available to the public or is in the public domain, provided that PCL may disclose information in connection with the performance of this agreement subject to any applicable law, required by law or legal process, or including the extent necessary in order to enforce its rights hereunder. Prior to disclosure of such data other than pursuant to subpoena, PCL agrees to give client reasonable notice of such disclosure. Client will not disclose trade secret, proprietary information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases, defends, indemnifies, protects and holds PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages (actual, consequential, punitive, or other forms and interest and reasonable attorneys' fees and expenses) to all third parties (the "obligations and fees") and pending litigation (each of clause (a) and third party, as a result of, and/or in any way arising, incidental to, growing out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's samples and materials, or misrepresentation or death of persons, injury, damage to, loss of, or theft or use of property, and/or 3. Failure on the part of client of any kind of character. The client agrees to defend, indemnify and hold harmless PCL from and against any and all of the foregoing losses, costs, damages, and attorneys' fees caused by the gross negligence or willful misconduct of PCL or its employees, agents, representatives, or subcontractors. Client's obligations under this section shall survive the termination of this agreement. Client's failure to notify PCL of any claim or liability hereunder shall not relieve client of its obligations hereunder except to the extent that such failure to notify results in the forfeiture by PCL of rights and defenses necessary to defend such claim or liability. Client's obligations under this section shall survive the termination of this agreement.

11. Hazardous Substances

For PCL to perform the services requested by client, it may be possible and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, EPA policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous materials received by PCL from client or at client's request shall remain the property of client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or its PCL's QA/QC policies. In the event the client does not specify in preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current Sample Disposal Policy. In addition, all samples received by PCL for analysis are property of PCL. Client will be charged a sample disposal fee per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of operations on the date the services were rendered or with prices quoted and such confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or after analysis is commenced is required for all new clients or upon a history of delayed and/or unpaid accounts. Client with an established credit account and terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by or set by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees to collect. Fees associated with such collection should not be added.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by clients authorized representative, except that price quotes subject for additional services may be varied by oral quote.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use, misuse or loss of data, information or reports furnished by PCL. Client in requesting services hereunder for his own account, and not as agent or broker, or in any other representative capacity, for any other person or entity, it is affirmed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that such data, information and reports are not represented, or shall be used to report upon, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any warrant or other instrument by the holders of any security, the servicing, entitlement, renewal, or extension of any loan by any financial institution or other lender or the certification to or contracting with persons or individuals, any governmental agency or department.

15. Rush Analysis

Rush analysis are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 2pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. Lists of holding times can be provided to the client if requested. For analytes with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times (< 7 days), samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (Ferrous) or 24 hours must be approved prior to sampling to guarantee holding times are met. After hours, rush services, freight company delays or similar issues are subject to additional cost fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

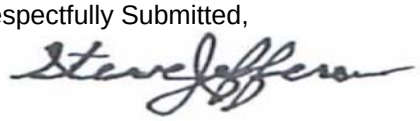
Attention: Ric Vardel
Report Date: 25-Jul-18 12:07
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18G0384-01) Collected: 18-Jul-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AG81915	2	24-Jul-18 (EA)	<2 mg/l	
pH	SM4500-H-B	AG81914	0.1	18-Jul-18 (SS)	6.9 pH Units	
Residual Chlorine	SM 4500 Cl-G	AG81923	0.05	19-Jul-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AG81825	1.8	20-Jul-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AG81825	1.8	20-Jul-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 7/25/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18Gr384

Customer: IPC, Inc.		**Project:** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** Carlos Anaya	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	07/18/18	1120	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	6.9/25.5°C
			1	BOD	Grab	AQ	1L P	4°C	
|	|	|	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: iPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Anaya (PCL)	07/18/18	1410
Received by		MARIO SANTIESTEBAN (PCL)	7/18/18	1410
Relinquished by		MARIO SANTIESTEBAN (PCL)	7/18/18	1845
Received by				
Relinquished by				
Received in lab by		PCL	7-18-18	1900

Sample Received Checklist

Temperature upon receipt:	4
# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	**HC** - HCl
Comp	**HS** - H_2SO_4
Matrix	**HN** - HNO_3
AQ - Water	**HP** - H_3PO_4
SO -Soil / Sludge	**OH** - NaOH
OT - Other	**ST** - Sodium Thiosulfate
Bottle Type	**AA** - Ascorbic Acid
P - Plastic	**Al** - $AlCl_3$
G - Amber Glass	**Cu** -$CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of Sale, including the price schedule, addenda, exhibits or amendments hereto to which we agree to in writing. "Client" means the individual or entity, whether a recipient laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) current price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No conflicting or additional terms and conditions expressed on a client's document shall be deemed to become a part of the contract except upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), 25 Watershield (EAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater, and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL's Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to the agreement due to causes beyond its control.

9. Confidentiality

Both and the Sample material provided hereunder or as part thereof and the results obtained by PCL shall be held in confidence unless such information is generally available to the public or is in the public domain or Client has had legal duty for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses to protect its own confidential data and shall not be responsible for unauthorized disclosure despite the same such standard was utilized. PCL reports and information provided hereto are for the exclusive use and benefit of Client and Client agrees that shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software, equipment, or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, partners, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, costs and associated expenses including, but not limited to attorneys fees (the Liabilities) asserted and awards arising in favor of Client or any third party as a result of, and/or in any way connected, incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, i.e. injury, disease or death of persons 2. actual damage to real or personal property and/or 3. financial loss of every kind or character. This indemnity does not apply to any of the foregoing Liabilities, costs, damages or losses caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions or proceedings of whatever nature arising out of or in connection with the negligence or breach of contract by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be on a sole, in any capacity which the client shall indemnify, defend, hold PCL and the other Indemnified Persons. To the extent necessary under applicable law, Client agrees that as indemnity obligation will be applicable by an excess liability insurance policy age or carried by client, which insurance shall be in the maximum coverage amounts permitted under applicable law, or be waived client. Be liable to client for indirect, punitive, special, consequential or exemplary damages (including without limitation, loss of profits or business interruption, litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and cost of pre-judgment interest), or any other expenses or claim incurred by client or any third party in any litigation against or involving PCL or any indemnified person in connection with this agreement or any services provided under this agreement, even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, waste and substances which are defined, determined or classified as such under federal, state or local laws, rules, PCL policies or regulations (collectively "Laws") existing or hereafter enacted or promulgated or any official or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for aerobic bacterial analysis. Client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of operations or date the services were rendered or with prices in quote and never contained in writing. The price schedule is subject to change at any time without notice. Payment must be made in cash, check or credit card is required for all services or prior to delivery of payment and/or credit agreement being established with PCL. For client's with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoice. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of the thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law of one and one half percent (1.5%) per month on the unpaid balance. If unpaid amount is collected through legal proceedings or by an attorney, client shall pay reasonable costs and attorney's fees, agents' fees, associated with such collection action and/or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by Client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is procuring services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. Client agrees and acknowledges that there are no third party beneficiaries to this agreement, and that no third party (such Data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of any purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the SEC or any similar, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If for any unforeseen reason, the turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times for storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. For analyses with holding times of 72 hours or less, samples must arrive within 24 hours to allow PCL to reject holding times without applying a rush surcharge. All short holding times (i.e. 7 days, samples must arrive at the lab within 24 hours before we are able to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria, 24 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late deliveries, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

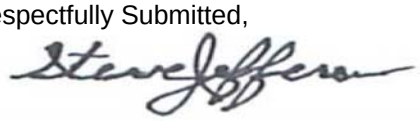
Attention: Ric Vardel
Report Date: 25-Jul-18 11:52
Subject: (MCC) Weekly EFF

Project/P.O.#: (MCC) Weekly EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18G0385-01) Collected: 18-Jul-18 By IPC						
Ammonia as N	EPA 350.1	AG81910	0.10	19-Jul-18 (SGS)	0.10 mg/l	
Nitrate as N	EPA 353.2	AG81917	0.20	19-Jul-18 (LA)	4.52 mg/l	
Nitrite as N	EPA 353.2	AG81917	0.02	19-Jul-18 (LA)	0.04 mg/l	
Total Kjeldahl Nitrogen	EPA 351.2	AG82331	0.10	24-Jul-18 (LA)	1.15 mg/l	
Total Suspended Solids	SM 2540D	AG81911	1	19-Jul-18 (SGS)	<1 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 7/25/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1860385

Customer: IPC, Inc.		**Project :** (MCC) Weekly EFF	
Address: 9297 Research Drive		**Sampled by:** Carlos Alvarez	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserv.	Field Data (pH / Temperature) pH: Field Lab
EFF	07/18/18	1110	1	TSS	Grab	AQ	1L P	4°C	
"	"	"	1	NH4, TKN	Grab	AQ	500 P	HS	
"	"	"	1	NO2, NO3	Grab	AQ	500 P	4°C	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (CAC)	07/18/18	1710
Received by		MARIO SANTIESTEBAN (PCL)	7/18/18	1410
Relinquished by		MARIO SANTIESTEBAN (PCL)	7/19/18	1845
Received by				
Relinquished by				
Received in lab by		DLL	7-18-18	1400

Sample Received Checklist

Temperature upon receipt: 4
# of bottles agrees with COC? Yes No
Samples intact? Yes No
Samples properly preserved? Yes No
Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____
Final Flow _____

Sample Type	Matrix	Bottle Type
Grab	AQ - Water	P - Plastic
Comp	SO - Soil / Sludge	G - Amber Glass
	OT - Other	VOA - 40 ml Vial
		Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall or deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "Services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL's standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. Injury, illness or death of persons 2. Loss of, damage to, loss of, or loss of use of property and/or 3. Financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other Indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption, Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and pre or post judgment interest)), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement, even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with a established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection proceedings or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective on in writing and executed by an officer of PCL and by clients authorized representative, except (i) subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of Any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 2pm on week days without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applicable rush surcharge. All short holding times, 7-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria) 48 hours must be delivered that same day in order to guarantee holding times are met. After hours, late deliverys, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES
QUALITY ANALYTICAL SERVICES SINCE 1987
1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

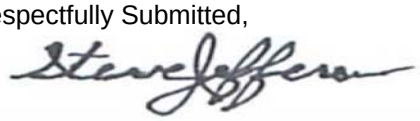
Attention: Ric Vardel
Report Date: 25-Jul-18 11:50
Subject: (MCC) Weekly INF

Project/P.O.#: (MCC) Weekly INF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
INF (Sample I.D.# : 18G0387-01) Collected: 18-Jul-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AG81915	2	24-Jul-18 (EA)	575 mg/l	
Total Suspended Solids	SM 2540D	AG81911	1	19-Jul-18 (SGS)	206 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 7/25/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18Go387

Customer: IPC, Inc.		Project : (MCC) Weekly INF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine	CA 92618	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
INF	07/18/18	1150	1	TSS	Grab	AQ	1L P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (SPC)	07/18/18	1410
Received by		MARIO SANTIESTEBAN (PCL)	7/18/18	1410
Relinquished by		MARIO SANTIESTEBAN (PCL)	7/18/18	1845
Received by				
Relinquished by				
Received in lab by		PL	7-18-18	1900

Sample Received Checklist

Temperature upon receipt:	4
# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	HC - HCl
Comp	HS - H_2SO_4
Matrix	HN - HNO_3
AQ - Water	HP - H_3PO_4
SO -Soil / Sludge	OH - NaOH
OT - Other	ST - Sodium Thiosulfate
Bottle Type	AA - Ascorbic Acid
P - Plastic	Al - $AlCl_3$
G - Amber Glass	Cu -$CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of Sale, including the price schedule and any addenda or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request sample delivery services, consulting or sampling services and his or her/its/their successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

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The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance of the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or utilization of consulting services constitutes the client's consent and agreement to be governed by these terms and conditions. Any contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract only upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of care/ethics in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the United States Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater, and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the sample(s) otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

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The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and raw sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence unless such information is generally available to the public or in the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement, subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software, programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and reasonable expenses (including reasonable attorneys' fees) (collectively, the "Losses") asserted by or awarded arising in favor of Client or any third party, whether resulted, and/or in any way occurring, incident to, arising out of or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, disease or death of persons, 2. loss of, damage to, loss of use of or destruction of property and/or 3. financial loss of every kind or character. The foregoing does not apply to any of the foregoing losses, costs, damages or liabilities caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, the indemnity shall specifically apply to client's claims, damages, losses of every kind and character arising out of or in connection with the negligence (sole or concurrent) or by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any remedy which the client might otherwise have at PCL and the other Indemnified Persons. To the extent necessary, under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be maintained by client, which insurance shall be in such minimum amounts permitted under applicable law. In no event shall PCL be liable to client for direct, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption, litigation expenses or other fees (including, without limitation, attorney's fees, court costs, and the like or costs incurred by client or any other party to any litigation against or involving PCL or any indemnified person or connection with this agreement or the services provided under this agreement even if client is the prevailing party).

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples or materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (as the same now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for analysis for metal analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of performance of the services. Price schedules are subject to change at any time without notice. Payment is due upon analysis completed if required for client's work or upon a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by law, all sums not paid when due, any amounts unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the non-prevailing party reasonable attorney's fees, costs and expenses incurred with such collection activities.

13. Agreement Modification

Changes, modifications or amendments to the Terms shall be in writing and signed by an officer of PCL. Only persons authorized (expressly or implied) to solicit orders for laboratory services may be valid or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client is retaining services hereunder for his own account, and not as agent or broker, and any other representative retained by any other person or entity is waived and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants and agrees that such data, information and reports are not to be used, or shall be used to relied upon, in connection with or as part of a purchase, sale, underwriting, or distribution of any securities, any pledge or other reporting to shareholders of any security, the securing, assignment, renewal, or extension of any loan by any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are received because of samples that are delivered on weekends or after 2pm on weekdays without prior notification and acceptance. Standard holding times for storage conditions should be reviewed prior to any sampling performed by PCL. A list of holding times will be provided to the client if requested. All analyses with holding times of 24 hours or less (most nitrate, chlorine, pH, etc.) PCL in most cases cannot guarantee meeting a strict compliance. All short holding time 7 days. Samples must arrive at the lab within 24 hours before exact compliance of the holding times can be achieved. Direct Potable Water (DPW) samples or less (bacteria, etc.) Tests must be performed the same day in order to guarantee holding times are met. After hours, late afternoon, weekend delivery of sample arrives are subject to additional rush fees and/or the inability to meet holding times. Lab hours and times are in effect as of the date of this agreement and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. The arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 25-Jul-18 13:58
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18G0411-01) Collected: 19-Jul-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AG82006	2	25-Jul-18 (EA)	<2 mg/l	
pH	SM4500-H-B	AG82011	0.1	20-Jul-18 (SS)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AG82010	0.05	20-Jul-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AG81913	1.8	22-Jul-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AG81913	1.8	22-Jul-18 (JC)	2.0 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 7/25/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18G0411

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine	CA 92618	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field (Lab)
EFF	07/19/18	0950	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.54
"	"	"	1	BOD	Grab	AQ	1L P	4°C	
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez	07/19/18	
Received by			7.19.18	1215
Relinquished by			7.19.18	1400
Received by				
Relinquished by				
Received in lab by			7-19-18	1600

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC?	Yes	No
Samples intact?	Yes	No
Samples properly preserved?	Yes	No
Samples in holding time?	Yes	No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab Comp	HC - HCl HS - H_2SO_4
Matrix	HN - HNO_3
AQ - Water SO - Soil / Sludge OT - Other	HP - H_3PO_4 OH - NaOH ST - Sodium Thiosulfate
Bottle Type	AA - Ascorbic Acid
P - Plastic G - Amber Glass VOA - 40 ml Vial Coli - bacteria	Al - $AlCl_3$ Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" refers to these Terms and Conditions of Sale, including the price schedule and any amendments or addendums thereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, including all sampling services and fields, its heirs, successors, assigns and representatives. "Price Schedule" means Pat Chem Laboratories (PCL) standard price schedule as such documents may be amended or revised from time to time by PCL.

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PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may submit requests by telephone, e-mail, chain of custody (COC) or PCL daily sample order (PSO). Any such order for the Client's acceptance by the client of PCL's offer to do business with the client under the terms and conditions and an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of requesting services constitutes the client's express assent to be governed by these terms and conditions. Any quote or additional terms and conditions submitted by a client's documents shall be deemed to be only a part of the contract created upon acceptance of the terms and conditions.

For purposes of this agreement, "Services" shall mean all work to be performed for the Client, including provision of any equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of care reasonable in the profession where applicable. The analytical methodologies utilized are in substantial conformity with the U.S. Environmental Protection Agency (EPA), U.S. Department of Energy (DOE), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) or Code of Federal Regulations (CFR) and/or other recognized methodologies. PCL reserves the right to choose from above methodologies if necessary or appropriate due to the nature or characteristics of the samples provided or the data based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOPs) and/or the QA/QC policies. The entire liability of PCL, its officers, agents, employees or subcontractors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for such services. Client's execution of a work order and/or payment releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for assuring PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to reimbursement for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's purchase order and all subsequent orders for additional services, in either placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Except for certain materials provided by the client for use in client's request and the results obtained by PCL shall be held in confidence unless such information is generally available to the public or is the policy. Except as client has filed to pay PCL for all services rendered or in connection or breach of the agreement) subject to any disclosure required by law or legal process, PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of client's data where such standard was observed. PCL reports and information provided hereto are for the exclusive use and benefit of client and client agrees that there will be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning methods of testing, software programs or other knowledge.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages claims, demands, causes of action, suits and reasonable expenses including, but not limited to attorneys' fees, litigation expenses and costs, that are asserted against or incurred by any of them by reason of, arising in favor of client or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, injury, illness or death of persons 2. loss of, damage to, loss of, or use of property and or 3. consequential loss of every kind of character. This indemnity does not apply to any of the foregoing which results, damages, or losses are caused by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall not likely apply to claims, claims damages, actions, or suits which are initiated arising out of or in connection with the negligence of or breach of contract by any intentional person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any remedy which may otherwise be implied by law and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the minimum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profits or business interruption, litigation expenses or other fees (including, without limitation, attorney's fees, court costs, and the like or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any affiliated person or connection with this agreement or all services provided under this agreement even if client or the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis which is not/contains polychlorinated biphenyls, asbestos or any other hazardous or solid material, wastes and substances which are declared, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material relating to PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for analysis becomes analysis. Client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of acceptance of the order. The services were rendered or work performed and confirmed in writing. The price is subject to change at any time without notice. Beyond in advance of which analysis is completed is required for all projects or upon a history of payment and/or credit established with PCL. Pay installments with an established credit account. The terms for payment of charges are NET CASH within thirty (30) days from date of invoice. To the fullest extent permitted by law, PCL reserves the right to charge interest at the rate of the lesser of 1.5% per month or the highest rate permitted by law on any unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, Client shall pay reasonable costs and attorney's fees, agency fees associated with such collection proceedings.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only if in writing and executed by an officer of PCL and Client's authorized representative, except that subsequent orders for additional services may be made orally or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. Client and each employee that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not to be used, or shall be used to rebut upon, in connection with or as part of any purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the investors of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are received on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times will be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times (0-48 hours or less than 96 hours) must be delivered that same day to assure that two other holding times are met. After hours, late deliveries, freight forwarding delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for long periods is the client's responsibility. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been quoted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be accepted an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 25-Jul-18 14:01
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18G0439-01) Collected: 20-Jul-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AG82006	2	25-Jul-18 (EA)	9 mg/l	
pH	SM4500-H-B	AG82121	0.1	21-Jul-18 (JC)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AG82120	0.05	21-Jul-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AG82009	1.8	22-Jul-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AG82009	1.8	22-Jul-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 7/25/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1860439

Customer: IPC, Inc.		**Project:** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** Carlos Alvarez	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	07/19/18	0950	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
	"	"	1	BOD	Grab	AQ	1L P	4°C	
	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (3PC)	07/19/18	
Received by			7.20.18	1300
Relinquished by			7.20.18	1400
Received by				
Relinquished by				
Received in lab by			7/20/18	1430

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC?	Yes	No
Samples intact?	Yes	No
Samples properly preserved?	Yes	No
Samples in holding time?	Yes	No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are set out in writing. "Client" means the individual or entity who may request laboratory services, quotations or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule. A web document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.
The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.
The client's delivery of samples to PCL or initiation of consulting services constitutes the client's express intent to be governed by these terms and conditions. Any contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the Terms and conditions.
For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of practice in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgment of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provision to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample matrix provided by client or at client's request and the results obtained by PCL shall be held in confidence unless made publicly available or publicly available by the public domain or client has paid to pay PCL for all services rendered up to the time of pursuit of the agreement subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses to protect its own confidential data and does not be responsible for unauthorized disclosure of said data when such disclosure occurs in PCL reports and information provided hereunder or for the extent that the agreement specifically requires them shall be retained solely for the use, copies, data or information. Client will not use or any third party any information concerning test results from PCL, its employees or other consultants.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, costs, demands, causes of action, suits and claims of any nature including, without limitation, all court fees, litigation expenses, and lawyers' fees and costs arising in favor of client or any third party, as a result of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, injury, disease or death of persons, 2. loss of, damage to, loss of, or loss of use of property, and/or 3. financial loss of every kind or description. The client agrees to defend, indemnify any of the foregoing where costs, damages, or claims asserted solely by the grossly negligent or willful misconduct of PCL or its employees. Further, the indemnity shall specifically apply to client's damages, actions of every kind and character arising out of or in connection with the negligent or intentional conduct of any indemnified person, whether actively or passively, in the performance of services under this agreement. The foregoing indemnities will cover all loss to any liability which the client owes to any indemnified person and the other indemnified person. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage or be furnished by client, on demand, and shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption). Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and all pre-trial and judgment interest), or any other expenses or costs incurred by client or any other party in any dispute against or involving PCL or any indemnified person in connection with this agreement or as otherwise provided under this agreement, even if client or the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, waste and substances which are defined, determined or described as such under federal, state or local laws, rules, PCL policies or regulations (or other governing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for asbestos analysis, client will be charged a sample disposal fee per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of operation or the date the services were rendered. Client's prices quoted and client confirmation in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or when a history of payment with the account has not been established with PCL. For clients and with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. Late payment penalties of at any applicable law may amount shown at the end of thirty (30) days subject to interest at the lesser of the maximum rate permitted by law, one and one half percent (1.5%) per month or the maximum allowable. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees and expenses incurred in such collection whether or not suit is filed.

13. Agreement Modification

Changes, modifications or amendments to these Terms shall be effective only in writing and executed by an officer of PCL and by client's authorized representative. Except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use or reliance on data, information, or reports furnished by PCL. Client's acting on such knowledge for its own account, or for the account or benefit of, or in any other representation to, or for any other person or entity, it is agreed and understood that there are no third party beneficiaries to this agreement, and that no third party may rely upon any information or reports. Client represents and agrees that verbal data, information and reports are not requested, or that he does not rely upon such information without express part of the purchase price, understands, or discriminate all any services, any person or other reporting or the holders of any securities, the shareholders, creditors, or of customers of any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 2pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analytes with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without accepting a rush surcharge. All short holding times, 7-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late deliveries, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been installed on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 27-Jul-18 14:19
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18G0454-01) Collected: 21-Jul-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AG82215	2	27-Jul-18 (SGS)	<2 mg/l	
pH	SM4500-H-B	AG82220	0.1	21-Jul-18 (JC)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AG82219	0.05	21-Jul-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AG82119	1.8	23-Jul-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AG82119	1.8	23-Jul-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 7/27/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1860454

Customer: IPC, Inc.		**Project :** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** Carlos Alvarez	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	07/21/18	0730	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
	↓	↓	1	BOD	Grab	AQ	1L P	4°C	
	↓	↓	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by	C. Alvarez	Carlos Alvarez(Cafe)	07/21/18	1120
Received by				
Relinquished by	Jose L Gomez	Jose L Gomez	7/21/18	1120
Received by				
Relinquished by				
Received in lab by				

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	HC - HCl
Comp	HS - H_2SO_4
Matrix	HN - HNO_3
AQ - Water	HP - H_3PO_4
SO -Soil / Sludge	OH - NaOH
OT - Other	ST - Sodium Thiosulfate
Bottle Type	AA - Ascorbic Acid
P - Plastic	Al - $AlCl_3$
G - Amber Glass	Cu -$CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of Use, including the price schedule, and any amendments or amendments to which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in rendering all services.

3. Orders and Acceptance

PCL offers and will accept orders for services as defined herein only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The Client may order services by submitting a written e-mail or facsimile (FAX) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of accepting services constitutes the client's express assent to be governed by these terms and conditions. No printed or additional terms and conditions appearing on a client's documents shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods for the Examination of Water and Wastewater and/or other referenced methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the sample or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL's Quality Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for the services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provision to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Except at the Client's direction or with the Client's prior consent, and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or in the public domain or Client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. All reports and information prepared pursuant to the performance and benefit of Client and Client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning services, information, software, processes or QA/QC procedures.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees (the Litigation Expenses) and awards, arising in favor of Client or any third party as a result of, or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. injury, disease or death of persons 2. loss of, damage to, boycott or blockage of property and or 3. financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages, or expenses caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to bodily claims, injuries, actions or examinations and character arising out of or connection with the negligence or breach of contract by any indemnified person, whether active or passive, in the performance of services under this agreement. The foregoing indemnities is in addition to any liability which the client might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, Client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which may be that for the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profits or business interruption) litigation expenses or other fees (including, without limitation, attorney's fees, court costs, and/or any pre-or post-judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or any services provided under this agreement, even if client or the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, waste and substances which are duly defined, contained or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for analytical bacterial analysis client will be charged a sample disposal fee per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of completion of the work the services were requested or with prices quoted and then confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients. Should a history of payment and/or credit account has been established with PCL, for those clients with an established credit account, the terms for payment of charges are NET 30 (calendar basis) 30 days from date of invoices. To the fullest extent permitted by law by applicable law, any amounts unpaid at the end of thirty (30) days, is subject to interest at the lesser of the maximum rate permitted by law of one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agency fees incurred with such collection proceedings.

13. Agreement Modification

Changes, modifications or amendments to the terms of an effective as in writing and executed by an officer of PCL and the client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use or reliance on data, information, or reports furnished by PCL. Client is acting hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall not be used or relied upon, in connection with, or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, encumbrance, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 2pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL 10 more holding times without applying a rush surcharge. All other holding times, 7-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria) samples must be delivered that same day in order to guarantee holding times are met. After hours, late deliveries, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 30-Jul-18 12:21
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

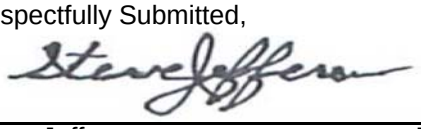
PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18G0458-01) Collected: 22-Jul-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AG82426	2	29-Jul-18 (VL)	<2 mg/l	
pH	SM4500-H-B	AG82329	0.1	23-Jul-18 (PL)	7.2 pH Units	pHa
Residual Chlorine	SM 4500 Cl-G	AG82334	0.05	23-Jul-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AG82218	1.8	24-Jul-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AG82218	1.8	24-Jul-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

pHa The temperature in Celsius was 9.7 when the pH was recorded.

pH The temperature in Celsius was 10.2 when the pH was recorded.

Respectfully Submitted,



Steve Jefferson 7/30/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1860458

Customer: IPC, Inc.		**Project :** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** Golan Kfir	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	7/22/18	10:00	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
	"	"	1	BOD	Grab	AQ	1L P	4°C	
	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by GK	Golan IPC	7/22/18	12:10
Received by	Jordan Corkery	7/22/18	12:10
Relinquished by			
Received by			
Relinquished by			
Received in lab by	Jordan Corkery	7/22/18	14:00

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab Comp	HC - HCl HS - H_2SO_4
Matrix AQ - Water SO -Soil / Sludge OT - Other	HN - HNO_3 HP - H_3PO_4 OH - NaOH ST - Sodium Thiosulfate
Bottle Type P - Plastic G - Amber Glass VOA - 40 ml Vial Coli - bacteria	AA - Ascorbic Acid Al - $AlCl_3$ Cu -$CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these terms and conditions of sale, including the price schedule, and any exhibits or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services as described herein only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services consult also the client's express assent to be governed by these terms and conditions. No company or additional terms and conditions contained in a client's document shall be deemed to become a part of the contract unless PCL form acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), Clean Waterboard (CLAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, relative out of or in connection with the services to be provided herein, shall in no event exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation as otherwise may the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be kept in confidence (unless such information is generally available to the public or in the public domain) or client but filed or pay PCL for all services rendered or if otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unsanctioned disclosure of such data where such standard was observed. PCL reports and information provided hereunder are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other information.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to attorneys' fees (the "Litigation Expenses") and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, i. injury, sickness or death of persons, ii. loss of, damage to, loss of, or loss of use of property, or iii. financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims (regardless of merit), suits and character arising out of or in connection with the negligence of or lack of judgment by any investigating person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified persons. To the extend necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption), Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and/or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement, even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls (PCBs) or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for analysis for microbiological analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of execution of the work the services were rendered or such prices as otherwise agreed upon, confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or upon analysis is considered is required for all new clients or until a history of subsequent smaller credits account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by or as set by applicable law, any amounts unpaid at the end of the thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable court and attorney's fees or agency fees associated with such collection proceedings or actions.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective on in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is providing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used or relied upon, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times are met. Short Holding Times of 48 hours or less (bacteria 30 hours) must be delivered that same day in order to guarantee holding times are met. After hours late delivery, freight company delays or similar issues are liable to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been included on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accepted an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

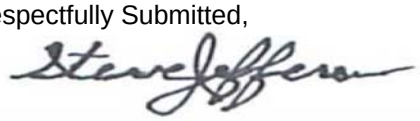
Attention: Ric Vardel
Report Date: 30-Jul-18 12:24
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18G0469-01) Collected: 23-Jul-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AG82426	2	29-Jul-18 (VL)	<2 mg/l	
pH	SM4500-H-B	AG82428	0.1	24-Jul-18 (SS)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AG82334	0.05	23-Jul-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AG82330	1.8	25-Jul-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AG82330	1.8	25-Jul-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 7/30/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: IBG0469

Customer: IPC, Inc.		**Project :** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** Carlos Alvarez	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	07/23/18	1130	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
"	"	"	1	BOD	Grab	AQ	1L P	4°C	
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by	[signature]	Carlos Alvarez (IPC)	07/23/18	
Received by	[signature]	IPC	7.23.18	1140
Relinquished by	[signature]	IPC	7/23/18	1300
Received by				
Relinquished by				
Received in lab by		YL	7.23.18	1600

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	HC - HCl
Comp	HS - H_2SO_4
Matrix	HN - HNO_3
AQ - Water	HP - H_3PO_4
SO -Soil / Sludge	OH - NaOH
OT - Other	ST - Sodium Thiosulfate
Bottle Type	AA - Ascorbic Acid
P - Plastic	AI - $AlCl_3$
G - Amber Glass	Cu -$CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these terms and conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will not accept orders for services (as defined herein) except under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or its affiliate of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's documents shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample matrix provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has told PCL that all services rendered is in reference to breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning proprietary information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and reasonable expenses including, but not limited to all court fees (including experts) and awards) arising in favor of Client or any third party as a result of, directly or any way accessory incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 2. injury, illness or death of persons 2. loss of, damage to, use of, or loss of use of property and or 3. ongoing loss of any kind or claim. The indemnity does not apply to any of the foregoing losses, costs, damages, suits, claims caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to claims, demands, actions or suits, that are after arising out of or in connection with the negligence of or breach of contract by any individual/person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client may otherwise have to PCL and the other indemnified persons. To the extent necessary, client shall additionally agree that all indemnity obligation will be supported by adequate liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption, litigation Expenses or other loss (including, without limitation, attorney's fees, court costs and all pre and post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against the foregoing PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if advised of the possibility.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or classified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any similar or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and upon the completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for asbestos bulk material analysis, client will be charged a sample disposal fee per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment with no credit exposure has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoice. To the fullest extent permitted (if at all) by applicable law, any amounts unpaid at the end of this thirty (30) day period subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees to appeal from establishing such collection procedure or claim.

13. Agreement Modification

Changes, modifications or amendments to the Terms shall be effective only in writing and executed by an officer of PCL and by clients authorized representative. Except as to subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL assumes no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client is acting solely as principal for its own account and not as agent or trustee, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that neither party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not to be used, or shall be used to relied upon, in connection with or as part of the purchase, sale, underwriting, or participation of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with directors or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours (allow PCL to meet holding times without applying a rush surcharge. All short holding times (7 days), samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteriology tests) must be delivered this same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush charges and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 31-Jul-18 14:24
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18G0497-01) Collected: 24-Jul-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AG82532	2	30-Jul-18 (EA)	12 mg/l	
pH	SM4500-H-B	AG82537	0.1	24-Jul-18 (SS)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AG82434	0.05	24-Jul-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AG82429	1.8	26-Jul-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AG82429	1.8	26-Jul-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 7/31/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1860497

Customer: IPC, Inc.
Address: 9297 Research Drive
Irvine CA 92618

Sampled by: Carlos Alvarez
Report Attention: ~~Ric Vardel / Golan Kfir~~

Project: (MCC) Daily EFF
P.O. #:
Phone #: ~~949~~ 382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	07/24/18	1115	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.49
	"	"	1	BOD	Grab	AQ	1L P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (SCE)	07/24/18	
Received by			7.24.18	1230
Relinquished by			7.24.18	1330
Received by				
Relinquished by				
Received in lab by			7.24.18	1605

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Sample Received Checklist

Temperature upon receipt: 4
# of bottles agrees with COC? Yes No
Samples intact? Yes No
Samples properly preserved? Yes No
Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____
Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Rev 2 Effective

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these terms and conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of sampling services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the "normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or in the public domain, or client has cited to pay PCL for all services rendered or in otherwise in breach of the agreement) subject to any disclosure required by lawful legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided hereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way or arising incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials: 1. injury, disease or death of persons 2. Loss of, damage to, loss of, or loss of use of property and/or 3. Financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have in PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law, in no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post-judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, waste or substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for asbestos bacterial analysis, client will be charged a sample disposal fee, per sample submitted in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or unless a history of payment and/or credit account has been established with PCL. For those clients with established credit accounts, the terms for payment of charges are CASH unless thirty (30) days from date of invoices. To the fullest extent permitted at all by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 36 hours to allow PCL to meet holding times without applying Rush surcharges. For short holding times, 3-7 days, samples must arrive at PCL within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late deliveries, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 31-Jul-18 14:38
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18G0538-01) Collected: 25-Jul-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AG82615	2	31-Jul-18 (EA)	12 mg/l	
pH	SM4500-H-B	AG82617	0.1	25-Jul-18 (SS)	7.3 pH Units	
Residual Chlorine	SM 4500 Cl-G	AG82540	0.05	25-Jul-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AG82529	1.8	27-Jul-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AG82529	1.8	27-Jul-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 7/31/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1860538

Customer: IPC, Inc.
Project: (MCC) Daily EFF
Address: 9297 Research Drive
Sampled by: Carlos Alvarez
P.O. #:
Irvine CA 92618
Report Attention: Ric Vardel / Golan Kfir
Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field / Lab
EFF	07/25/18	1105	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.3
"	"	"	1	BOD	Grab	AQ	1L P	4°C	
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (Cal)	07/25/18	
Received by		C. Tafoya PCL	7/25/18	1245
Relinquished by		C. Tafoya PCL	7/25/18	1500
Received by				
Relinquished by				
Received in lab by			7/25/18	1500

Sample Received Checklist

Temperature upon receipt: 1/6°C
# of bottles agrees with COC? Yes No
Samples intact? Yes No
Samples properly preserved? Yes No
Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____
Final Flow _____

Sample Type: Grab, Comp
Matrix: AQ - Water, SO - Soil / Sludge, OT - Other
Bottle Type: P - Plastic, G - Amber Glass, VOA - 40 ml Vial, Coli - bacteria

Preservations:
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any addenda or amendments hereto which are agreed upon in writing. "Client" means the individual or entity who may request laboratory services, submitting or sampling services, and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications of the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.

The client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No boilerplate or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel perform the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample material provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or in the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the Agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software, programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and costs (and attorneys expenses including, but not limited to all court fees (the Litigation Expenses) and awards arising in favor of client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials: 1. injury, illness or death of persons 2. Loss of, damage to, loss of, or loss of use of property and/or 3. Financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other Indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption. Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and (in pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement, even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any official or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in Accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect on the date of quotations or the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law of one and one half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 01-Aug-18 16:37
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18G0574-01) Collected: 26-Jul-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AG82707	2	01-Aug-18 (SGS)	<2 mg/l	
pH	SM4500-H-B	AG82712	0.1	26-Jul-18 (SS)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AG82620	0.05	26-Jul-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AG82612	1.8	28-Jul-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AG82612	1.8	28-Jul-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 8/1/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18G0574

Customer: IPC, Inc.		**Project:** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** Carlos Alvarez	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	07/26/18	1110	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
	"	"	1	BOD	Grab	AQ	1L P	4°C	
	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	Carlos Alvarez (IPC)	07/26/18	
Received by	Cindy M (Patchem)	7/26/18	14:04
Relinquished by	Cindy	7/26/18	15:33
Received by			
Relinquished by			
Received in lab by	PIL	7/26/18	1540

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	HC - HCl
Comp	HS - H_2SO_4
Matrix	HN - HNO_3
AQ - Water	HP - H_3PO_4
SO - Soil / Sludge	OH - NaOH
OT - Other	ST - Sodium Thiosulfate
Bottle Type	AA - Ascorbic Acid
P - Plastic	Al - $AlCl_3$
G - Amber Glass	Cu - $CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such documents may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express agreement to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon receipt of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Water Board (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or other information, in the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancelation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether stated in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request, and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or in the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data, but shall not be responsible for unauthorized disclosure of confidential information unless such disclosure was deliberate. PCL's reports and information provided thereto are for the exclusive use and benefit of client and client agrees that there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning technical information, methods, processes or other formulations.

10. Hold Harmless

Client agrees to and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to, all court fees (the foregoing, hereinafter, and even if resulting in whole or in part from the negligence of PCL), arising out of or resulting from: 1. any act or omission of client, its employees, agents, affiliates, subsidiaries and parent, or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials; 2. bodily injury or death of persons; 3. loss of, damage to, misuse of, theft of or loss of property and/or 4. if any or loss of every kind of character. This indemnity shall apply to any of the foregoing losses, costs, damages, or liability caused in whole or in part, regardless of whether such loss is the direct result of PCL or its employees. Further, this indemnity shall apply to any losses, claims, damages, actions of every kind and manner arising out of or in connection with the negligence or omissions of caused by any independent person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified persons. To the extent not otherwise limited by applicable law, client agrees that its indemnity obligation will be supported by a whole liability insurance coverage to be furnished by client, which insurance shall be in the minimum amounts permitted under applicable law. In the event that PCL or both its client's insurers, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) litigation expenses or other fees (including, without limitation, attorney's fees, court costs, and the cost of such personnel interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, waste and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all specified analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of operations or the date the services were rendered or with prices otherwise agreed upon confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or credit analysis is completed is required for all new clients or where a history of payment and/or credit relation has not been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET 30/EOM unless otherwise agreed to in writing. To the fullest extent permitted by law or as otherwise applicable law, any amounts unpaid at the end of thirty (30) days subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, client agrees that any reasonable costs and attorney's fees or agents' fees associated with such collection proceedings will be paid.

13. Agreement Modification

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14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client in securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity, is advised and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall not be used to relied upon, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL adequate holding times without applying a rush surcharge. All tests holding times 7-7 days, samples must arrive at the lab within 24 hours before exceptions to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria) should must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are to effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been included on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 01-Aug-18 16:35
Subject: (MCC) Weekly EFF

Project/P.O.#: (MCC) Weekly EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18G0572-01) Collected: 26-Jul-18 By IPC						
Ammonia as N	EPA 350.1	AG82706	0.10	27-Jul-18 (SGS)	<0.10 mg/l	
Nitrate as N	EPA 353.2	AG82708	0.10	27-Jul-18 (LA)	2.66 mg/l	
Nitrite as N	EPA 353.2	AG82708	0.02	27-Jul-18 (LA)	<0.02 mg/l	
Total Kjeldahl Nitrogen	EPA 351.2	AG83129	0.10	01-Aug-18 (LA)	0.85 mg/l	
Total Suspended Solids	SM 2540D	AG82714	1	27-Jul-18 (EA)	<1 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 8/1/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18G0572

Customer: IPC, Inc.		Project: (MCC) Weekly EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserv.	Field Data (pH / Temperature) pH: Field Lab
EFF	07/26/18	1410	1	TSS	Grab	AQ	1L P	4°C	
			1	NH4, TKN	Grab	AQ	500 P	HS	
			1	NO2, NO3	Grab	AQ	500 P	4°C	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez	07/26/18	
Received by		Cindy M	7/26/18	14:04
Relinquished by		Cindy	7/26/18	15:53
Received by				
Relinquished by				
Received in lab by		PCL	7-26-18	1600

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	HC - HCl
Comp	HS - H_2SO_4
Matrix	HN - HNO_3
AQ - Water	HP - H_3PO_4
SO - Soil / Sludge	OH - NaOH
OT - Other	ST - Sodium Thiosulfate
Bottle Type	AA - Ascorbic Acid
P - Plastic	Al - $AlCl_3$
G - Amber Glass	Cu - $CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance to the extent of PCL's offer to do business with the Client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this Agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request, and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL's reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees, (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way resulting incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. Injury, disease or death of persons 2. Loss of, damage to, loss of, or loss of use of property and or 3. Financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, charges, actions of every kind and character arising out of or in connection with the negligence (or breach of contract) by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption. Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and for pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or unlike history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 36 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late deliverys, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

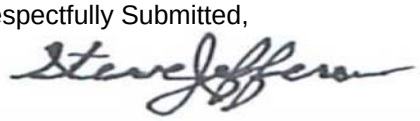
Attention: Ric Vardel
Report Date: 01-Aug-18 16:32
Subject: (MCC) Weekly INF

Project/P.O.#: (MCC) Weekly INF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
INF (Sample I.D.# : 18G0573-01) Collected: 26-Jul-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AG82707	2	01-Aug-18 (SGS)	480 mg/l	
Total Suspended Solids	SM 2540D	AG82714	1	27-Jul-18 (EA)	310 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 8/1/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 180573

Customer: IPC, Inc.		**Project:** (MCC) Weekly INF	
Address: 9297 Research Drive		**Sampled by:** Carlos Alvarez	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
INF	07/26/18	1015	1	TSS	Grab	AQ	1L P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	Carlos Alvarez	07/26/18	
Received by	Cindy M	7/26/18	14:04
Relinquished by	Cindy	7/26/18	15:53
Received by			
Relinquished by			
Received in lab by	PCL	7-26-18	1611

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? (Yes) No

Samples intact? (Yes) No

Samples properly preserved? (Yes) No

Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
(Grab)
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
(P) - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of Sale, including the price schedule, and any variations or amendments to any which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling personnel and may authorize, subscribe, assign and represent them. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services as defined herein only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may order services by submitting a written, faxed or electronic (EDI) to PCL. Any such order constitutes 1. an acceptance by the Client of PCL's offer to do business with Client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No terms or additional terms and conditions expressed in a client's document shall be deemed to constitute a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of performance in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (EPA), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL's standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client or third out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay in failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample material provided by the client at client's request and the results obtained by PCL shall be held in confidence unless such information is generally available to the public or in the public domain or client has failed to pay PCL for all services rendered to it. Otherwise, in breach of the agreement, subject to any disclosure required by law or legal process, PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data while such data was disclosed. PCL reports and information provided shall be for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning testing performed, software, programs or other simulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees, the litigation's investigation, awards arising in favor of client or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or investigation, sampling, or detection of client's hazardous materials. 1. Injury, disease or death of persons 2. Loss of, damage to, misuse of, or illegal use of property and/or 3. Financial loss of every kind or character. This provision does not apply to any of the foregoing losses, costs, damages, or suits proximately caused by the gross negligence or willful misconduct of PCL or its employees. Further, PCL expressly shall specifically apply to limit claims, damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any Indemnified Person, whether active or passive, in the performance of services under this agreement. The foregoing indemnities will be in addition to, and not exclusive of, the indemnities that may have been given to PCL and the other Indemnified Persons. To the extent necessary under applicable law, client agrees that no indemnity obligation will be supported by available liability insurance coverage to be furnished by client, with all insurance shall be solely primary and not contributing with any insurance maintained by PCL. In no event shall PCL be liable to client for indirect, punitive, special, or unrelated or consequential damages including, without limitation, loss of profit or business interruption, litigation expenses or other fees including, without limitation, attorney's fees, court costs, and /or any lost judgment interest, or any other expenses or claim incurred by client or any other party in any legal action or involving PCL or any Indemnified Person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, beryllium or any other hazardous or toxic material, waste and substances which are declared, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for analysis for bacterial analysis, client will be charged a sample disposal fee per sample submitted, in accordance with our QA/QC policies and procedures.

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Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of quotation or the date services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in accordance with an alternative arrangement is required for all new clients or upon a review of payment and/or credit acceptable to PCL. For those clients with an established credit account, the terms of payment of charges are NET CASH within thirty (30) days from date of invoice. To the fullest extent permitted by law, any amount unpaid at the end of this thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agency fees established and such collection procedure or means.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective or binding and executed by an officer of PCL and Pat-Chem's authorized representatives, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is engaging services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not furnished, or shall be used or relied upon, in connection with or in regard to the purchase, sale, underwriting, or distribution of any securities, any security or other respecting to the payment of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded for some of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client as required. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-3 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (such as a 24 hour) must be delivered that same day to allow for guaranteed holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

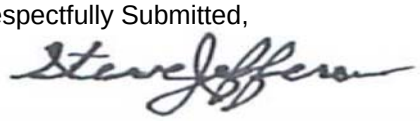
Attention: Ric Vardel
Report Date: 01-Aug-18 16:39
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18G0592-01) Collected: 27-Jul-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AG82707	2	01-Aug-18 (SGS)	2 mg/l	
pH	SM4500-H-B	AG82826	0.1	28-Jul-18 (JC)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AG82719	0.05	27-Jul-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AG82713	1.8	29-Jul-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AG82713	1.8	29-Jul-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 8/1/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18G0592

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserv.	Field Data (pH / Temperature) pH: Field (Lab)
EFF	07/27/18	1140	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.36
"	"	"	1	BOD	Grab	AQ	1L P	4°C	
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (PCL)	07/27/18	
Received by		Cindy (PCL)	07/27/18	12:15
Relinquished by		Cindy (PCL)	7/27/18	14:00
Received by				
Relinquished by				
Received in lab by		PCL	7.27.18	16:00

Sample Received Checklist

Temperature upon receipt: 4
# of bottles agrees with COC? Yes No
Samples intact? Yes No
Samples properly preserved? Yes No
Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____
Final Flow _____

Sample Type	Preservations
Grab	HC - HCl
Comp	HS - H_2SO_4
Matrix	HN - HNO_3
AQ - Water	HP - H_3PO_4
SO - Soil / Sludge	OH - NaOH
OT - Other	ST - Sodium Thiosulfate
Bottle Type	AA - Ascorbic Acid
P - Plastic	Al - $AlCl_3$
G - Amber Glass	Cu - $CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. An acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express agreed to be governed by these terms and conditions. No preprinted or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (CLAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) for the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its affiliates, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the samples materials provided by clients or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public with the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by lawful or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way resulting incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. Injury, disease or death of persons 2. Loss of, damage to, loss of, or use of use of property and or 3. Financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other Indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post-judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

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13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective on in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities. Any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 30 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

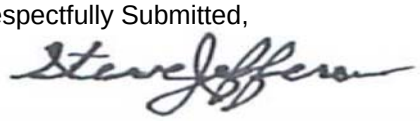
Attention: Ric Vardel
Report Date: 03-Aug-18 16:13
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18G0608-01) Collected: 28-Jul-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AG82926	2	03-Aug-18 (EA)	3 mg/l	
pH	SM4500-H-B	AG82829	0.1	28-Jul-18 (JC)	7.3 pH Units	
Residual Chlorine	SM 4500 Cl-G	AG82830	0.05	28-Jul-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AG82825	1.8	30-Jul-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AG82825	1.8	30-Jul-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 8/3/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1860608

Customer: IPC, Inc.		**Project :** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** Carlos Alvarez	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	07/28/19	0750	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
	"	"	1	BOD	Grab	AQ	1L P	4°C	
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by	Carlos Alvarez	Carlos Alvarez (SPL)	07/28/19	1107
Received by				
Relinquished by	Jose L Gomez	Jose L Gomez	7/29/19	1100
Received by				
Relinquished by				
Received in lab by				

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions
2. Independent Contractor
3. Orders and Acceptance
4. Limit of Liability
5. Clients Responsibility
6. Cancellation
7. Overriding Agreement
8. Force Majeure
9. Confidentiality
10. Hold Harmless
11. Hazardous Substances
12. Prices/Payments
13. Agreement Modification
14. No Third Party Beneficiaries: No Right of Reliance
15. Rush Analysis
16. Holding Times
17. Sample Retention
18. Sample Pick Up/Field Tech Sampling

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

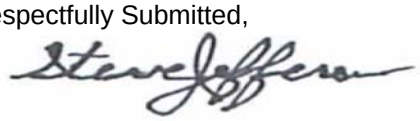
Attention: Ric Vardel
Report Date: 09-Aug-18 13:48
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18G0612-01) Collected: 29-Jul-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AG83123	2	05-Aug-18 (LL)	<2 mg/l	
pH	SM4500-H-B	AG83035	0.1	29-Jul-18 (SS)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AG83130	0.05	29-Jul-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AG82927	1.8	31-Jul-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AG82927	1.8	31-Jul-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 8/9/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1860612

Customer: IPC, Inc.		**Project :** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** JULIO LEAL	**P.O. #:**
Irvine	CA 92618	**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	07-29-18	08:30	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
	"	"	1	BOD	Grab	AQ	1L P	4°C	
	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	JULIO LEAL	7-29-18	11:40
Received by	Jordan Corkery	7/29/18	11:40
Relinquished by			
Received by			
Relinquished by			
Received in lab by			

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

2. Independent Contractor

3. Orders and Acceptance

4. Limit of Liability

5. Clients Responsibility

6. Cancellation

7. Overriding Agreement

8. Force Majeure

9. Confidentiality

10. Hold Harmless

11. Hazardous Substances

12. Prices/Payments

13. Agreement Modification

14. No Third Party Beneficiaries: No Right of Reliance

15. Rush Analysis

16. Holding Times

17. Sample Retention

18. Sample Pick Up/Field Tech Sampling

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

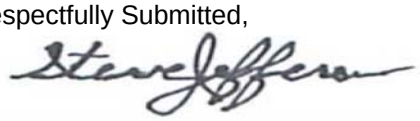
Attention: Ric Vardel
Report Date: 09-Aug-18 13:54
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18G0645-01) Collected: 30-Jul-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AG83123	2	05-Aug-18 (LL)	<2 mg/l	
pH	SM4500-H-B	AH80218	0.1	30-Jul-18 (SS)	7.3 pH Units	
Residual Chlorine	SM 4500 Cl-G	AG83130	0.05	31-Jul-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AG83037	1.8	01-Aug-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AG83037	1.8	01-Aug-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 8/9/2018
Laboratory Director

1806045

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: MCC EFF

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: CUSTOMER	P.O. #:
Irvine	CA 92618	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: (Field) Lab
EFF	7/30/18	1150	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.3/18.3°C
	7/30/18	1150	1	BOD	Grab	AQ	1L P	4°C	
	7/30/18	1150	2	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	Kyle Vardel (IPC)	7/30/18	1200
Received by	MARJO SANTIESTEBAN (PCL)	7/30/18	1455
Relinquished by	MARJO SANTIESTEBAN (PCL)	7/30/18	1630
Received by			
Relinquished by			
Received in lab by		7-30-18	1000

Sample Received Checklist 4

Temperature upon receipt: _____

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Matrix	Bottle Type
Grab	AQ - Water	P - Plastic
Comp	SO - Soil / Sludge	G - Amber Glass
	OT - Other	VOA - 40 ml Vial
		Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these terms and conditions of sale, including the price schedule, and any additional terms or amendments to which we have agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives). "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The clients may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the Client's express assent to be governed by these terms and conditions. No oral or any additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (LTLAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provision to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request, and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided shall only be for the exclusive use and benefit of client and client agrees that there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning methods of analysis, software programs or other technical data.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to, attorneys fees (the Indemnified Parties) and awards, arising in favor of Client or any third party as a result of, and/or in any way connected, incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, disease or death of persons, 2. loss of, damage to, or loss of use of property and/or 3. pollution or nuisance of every kind of character. The indemnities given must apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to claims, damages, actions of every kind and character arising out of or in connection with the negligence or breach of contract by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other Indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In the event that PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit, business interruption, litigation expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses of cost, incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or any services provided under this agreement, even if client or the prevailing party

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples / materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or hydrocarbonic wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portion of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all biological analysis client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were performed or with prior written and later confirmation in writing. The price schedule is subject to change at any time without notice. Payment in advance of when services is completed is required for all new clients or until a history of payment with prompt accounts has been established with PCL. For those clients with an established credit account, she terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by at all by applicable law, any amount unpaid at the end of these 30 days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balance. Financial amounts are processed through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees to agents fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client's authorized representative. Except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or interpretations by PCL. Client is retaining services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not intended, or shall be used to yield upon, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, enhancement, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are received on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 24 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 7 days, samples must arrive at the lab within 24 hours. Detailed explanation to ensure that the holding times can be met. Short Holding Times of 24 hours or less (bacterial is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late deliveries, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been stated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

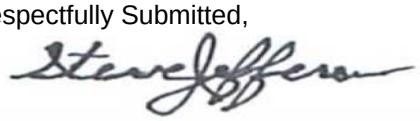
Attention: Ric Vardel
Report Date: 09-Aug-18 14:03
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18G0672-01) Collected: 31-Jul-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AH80135	2	06-Aug-18 (SGS)	5 mg/l	
pH	SM4500-H-B	AH80218	0.1	31-Jul-18 (SS)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AH80140	0.05	01-Aug-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AG83136	1.8	02-Aug-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AG83136	1.8	02-Aug-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 8/9/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 180672

Customer: IPC, Inc.		**Project:** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** JULIO LEAL	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	07-31-18	12:00	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
	"	"	1	BOD	Grab	AQ	1L P	4°C	
	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	JULIO LEAL (IPC)	7-31-18	1435
Received by	MARIO SANTIESTEBAN (PCL)	7/31/18	1435
Relinquished by	MARIO SANTIESTEBAN (PCL)	7/31/18	1800
Received by			
Relinquished by			
Received in lab by		7-31-18	1800

Sample Received Checklist 4

Temperature upon receipt: _____

# of bottles agrees with COC?	Yes	No
Samples intact?	Yes	No
Samples properly preserved?	Yes	No
Samples in holding time?	Yes	No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	HC - HCl
Comp	HS - H_2SO_4
Matrix:	HN - HNO_3
AQ - Water	HP - H_3PO_4
SO - Soil / Sludge	OH - NaOH
OT - Other	ST - Sodium Thiosulfate
Bottle Type:	AA - Ascorbic Acid
P - Plastic	Al - $AlCl_3$
G - Amber Glass	Cu - $CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of Sale, including the Price Schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who is to receive laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor to perform the all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement by the client to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions submitted in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), 40 CFR Water and (EGAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by the client or at client's request, and the results obtained by PCL shall be held in confidence, unless such information is generally available to the public or is the public domain or client has ceased to pay PCL for all services rendered or is otherwise in breach of the agreement), subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data, when such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries to such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other PCL solutions.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees (the foregoing elements and awards) arising in favor of Client or any third party as a result of, and/or in any way resulting incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, disease or death of persons 2. loss of, damage to, use of, or title of use of property and/or 3. financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the Client owes to or indemnities owed to PCL and the other Indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by adequate liability insurance coverage to be furnished by client, which insurance shall be, to the maximum amount permitted under applicable law, in the event that PCL be held by client for indirect, punitive, special, incidental or consequential damages (including without limitation, loss of profit or business interruption, litigation expenses or other fees (including, without limitation, attorney's fees, court costs, and pre and post judgment interest), or any other expenses or costs) incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, waster and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any lab personal analysis. Client will be charged a sample disposal fee per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment is required at or when analysis is completed is required for services. Terms of until a history of on going dealing or an account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET COMMA within thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the is rate of the maximum rate permitted below or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedures or efforts.

13. Agreement Modification

Changes, modifications or amendments to this contract will be effective only if in writing and executed by an officer of PCL and by clients authorized representatives. Except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for an other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client agrees to, and agrees that said data, information and reports are not requested, or shall be used to relay upon, in connection with or as part of any purchase, sale, underwriting, or distribution of any securities, and periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 72 hours or less (bacteria is 6 hours) must be delivered two times daily in order to guarantee holding times are met. After hours, late deliveries, freight company, default or similar issues are subject to additional quick fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been quoted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

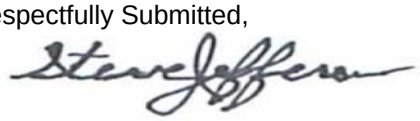
Attention: Ric Vardel
Report Date: 09-Aug-18 14:06
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18H0030-01) Collected: 01-Aug-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AH80209	2	07-Aug-18 (SGS)	<2 mg/l	
pH	SM4500-H-B	AH80218	0.1	01-Aug-18 (SS)	7.3 pH Units	
Residual Chlorine	SM 4500 Cl-G	AH80217	0.05	02-Aug-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AH80136	1.8	03-Aug-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AH80136	1.8	03-Aug-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 8/9/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 184080

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: JULIO LEAL	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserv.	Field Data (pH / Temperature) pH: Field Lab
EFF	08.01.18	12:15	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.3/29.3°C
			1	BOD	Grab	AQ	1L P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

Signature	Print Name (Company)	Date	Time
Relinquished by	JULIO LEAL (IPC)	8-1-18	1352
Received by	MARIO SANTIESTEBAN (PCL)	8/1/18	1352
Relinquished by	MARIO SANTIESTEBAN (PCL)	8/1/18	1607
Received by			
Relinquished by			
Received in lab by	PCL	8-1-18	1630

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No
Samples intact? Yes No
Samples properly preserved? Yes No
Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu -$CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater, and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unsatisfactory disclosure of said data where such standard was observed. PCL reports and information provided therein are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees, (the obligation if attorneys) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, disease or death of persons, 2. loss of, damage to, loss of, or loss of use of property and or 3. financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption, litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agent's fees associated with such collection procedures or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client's authorized representative. Except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 2pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 36 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 3-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 09-Aug-18 14:09
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18H0066-01) Collected: 02-Aug-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AH80312	2	08-Aug-18 (EA)	<2 mg/l	
pH	SM4500-H-B	AH80313	0.1	03-Aug-18 (SS)	7.2 pH Units	
Residual Chlorine	SM 4500 Cl-G	AH80319	0.05	03-Aug-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AH80215	1.8	04-Aug-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AH80215	1.8	04-Aug-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 8/9/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18H0066

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine	CA 92618	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	08/02/18	1215	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
"	"	"	1	BOD	Grab	AQ	1L P	4°C	
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	08/02/18	
Received by		Cindy	8.2.18	1240
Relinquished by		Cindy	8.2.18	1500
Received by				
Relinquished by				
Received in lab by			8/2/18	1700

Sample Received Checklist

Temperature upon receipt: 4°

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of Sale, including the price schedule, and any additions or amendments to which we agreed to in writing. "Client" means the individual or entity who may request laboratory services, including all services, services and Price Actions, and includes its agents and representatives. "Price Schedule" means PCL's Client Solutions or PCL standard price schedule, as such documents may be amended or replaced from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for work on its defined terms only under the following General Terms and Conditions (the "Terms"). These Terms shall apply if PCL and the Client have executed a separate agreement covering all matters relating to the Services, or if no such agreement has been executed. A quotation or proposal is valid and binding only if it is in writing and signed by an authorized representative of the Client and PCL.

The Client may place an order by submitting a written order or request to PCL. Any such order constitutes 1. an acceptance of the Terms and 2. PCL's offer to do business with the Client under the Terms and Conditions and 3. an agreement to be bound by these Terms and Conditions. The Client's delivery of samples to PCL or its delivery of consulting services shall constitute the Client's consent to be governed by these terms and conditions. No terms or additional terms and conditions proposed by a Client's purchase order or document or including a part of the order, or which are inconsistent with the Terms and Conditions.

For purposes of this agreement, "Services" shall mean all work to be performed for the Client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of the profession in the particular locality where PCL will be conducting the investigation, which is a reasonable standard for such the U.S. Environmental Protection Agency (EPA), EA Waterboard (PCAB), American Centers for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC). Standard Methods (SM) of the Examination of Water and Wastewater, or other recognized organizations. PCL makes no warranty or guarantee, express or implied, and disclaims any warranty or guarantee as to the future safety or suitability for any purpose of any property or premises owned, leased or controlled by the Client or others. Any opinions rendered by PCL with respect to compliance with laws, rules, regulations, standards or guidelines are based on the reasonable judgment of PCL personnel at the time the opinions are rendered. Because laws, rules, regulations, standards and guidelines are subject to frequent change and because reasonable persons may differ in their interpretation and application, PCL cannot and does not warrant or guarantee that a governmental agency will not take a position contrary to any opinion rendered by PCL personnel.

PCL's liability for any claim, loss or damage arising out of or in connection with this agreement or the services, whether in contract, tort (including negligence), strict liability or otherwise, shall not exceed the total amount paid by Client to PCL for the services giving rise to the claim. In no event shall PCL be liable for any consequential, incidental, special, punitive or exemplary damages, including, without limitation, loss of profits or business interruption, however caused or under any theory of liability, even if PCL has been advised of the possibility of such damages. The limitations in this section apply to the maximum extent permitted by applicable law, and in no event shall PCL's aggregate liability exceed the amount of insurance proceeds actually paid to Client under PCL's insurance policies in connection with the claim, regardless of whether such insurance coverage is adequate to cover the loss. Client acknowledges that PCL's fees reflect the allocation of risk set forth in this agreement and that PCL would not enter into this agreement without these limitations.

Client agrees to indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and expenses (including, but not limited to, attorneys' fees) that may be asserted by any third party as a result of, arising out of or in any way connected with, directly or indirectly, in whole or in part, the performance of services by PCL pursuant to this agreement and/or the provision of data, information or reports to Client or to any third party, including, but not limited to, claims for property damage, personal injury or death of any kind, and regardless of the cause of action, whether based in contract, tort, strict liability or otherwise, except to the extent such liability is finally determined by a court of competent jurisdiction to have been caused by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to claims, damages, actions of every kind and character arising out of or in connection with the negligence, gross negligence or willful misconduct of the indemnified Parties, whether active or passive, in the performance of services under this agreement. The foregoing indemnity shall survive the termination of this agreement. Client's indemnity obligations shall not apply to the extent that the loss, damage or liability is caused by the gross negligence or willful misconduct of PCL or its employees. Client's indemnity obligations shall specifically apply to claims, damages, actions of every kind and character arising out of or in connection with the negligence, gross negligence or willful misconduct of the indemnified Parties, whether active or passive, in the performance of services under this agreement. The foregoing indemnity shall survive the termination of this agreement. To the extent indemnification is not prohibited by applicable law, Client agrees that it will be responsible for all liability, loss and claim coverage to be furnished by Client, which insurance shall be in the minimum amounts permitted under applicable law. In no event shall PCL be liable to Client for any indirect, punitive, special, incidental or consequential damages, including, without limitation, loss of profits or business interruption, however caused or under any theory of liability, even if PCL has been advised of the possibility of such damages. Client's indemnity obligations shall not apply to the extent that the loss, damage or liability is caused by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

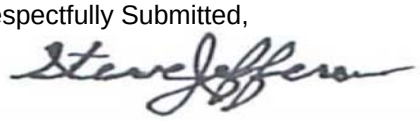
Attention: Ric Vardel
Report Date: 09-Aug-18 14:11
Subject: (MCC) Weekly EFF

Project/P.O.#: (MCC) Weekly EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18H0063-01) Collected: 02-Aug-18 By IPC						
Ammonia as N	EPA 350.1	AH80632	0.10	06-Aug-18 (SGS)	<0.10 mg/l	
Nitrate as N	EPA 353.2	AH80308	0.10	03-Aug-18 (SGS)	3.78 mg/l	
Nitrite as N	EPA 353.2	AH80308	0.10	03-Aug-18 (SGS)	0.18 mg/l	
Total Kjeldahl Nitrogen	EPA 351.2	AH80634	0.10	07-Aug-18 (LA)	1.16 mg/l	
Total Suspended Solids	SM 2540D	AH80314	1	03-Aug-18 (EA)	<1 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 8/9/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18H0063

Customer: IPC, Inc.		Project: (MCC) Weekly EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine	CA 92618	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	08/02/18	1215	1	TSS	Grab	AQ	1L P	4°C	
			1	NH4, TKN	Grab	AQ	500 P	HS	
			1	NO2, NO3	Grab	AQ	500 P	4°C	
Geotracker EDD:									
Logcode: IPCi Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	08/02/18	
Received by			8/2/18	1240
Relinquished by			8.2.18	1500
Received by				
Relinquished by				
Received in lab by			8/2/18	1528

Sample Received Checklist

Temperature upon receipt: 7 °C

# of bottles agrees with COC?	Yes	No
Samples intact?	Yes	No
Samples properly preserved?	Yes	No
Samples in holding time?	Yes	No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these terms and conditions of sale, including the price schedule and any addenda or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The client's delivery of samples to PCL or initiation of consulting services constitutes the client's explicit assent to be governed by these terms and conditions. No conflicting or additional terms and conditions expressed in a client's purchase order shall be deemed to be only a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "Services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the agreed to work in accordance with the normal standards of workmanship in the profession where applicable. PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the sample or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOPs and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder, subject to payment of all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by (inclusive of client's request and the reports required by PCL to be) held in confidence (unless such information is generally available to the public or in the public domain or required to be by PCL by law or regulation) and is not to be disclosed in breach of the agreement (subject to any disclosure required by law or legal process). PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of Client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software, programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses, including, but not limited to amount paid in settlement and attorneys' fees and expenses arising in favor of Client or any third party as a result of, and/or in any way relating, related to arising out of, or in connection with the performance of services by PCL pursuant to the agreement and/or transportation, handling or disposal of client's hazardous materials, bodily injury, disease or death of persons, loss of, damage to, loss of use of or destruction of property and/or any kind of character. This indemnity shall not apply to any of the foregoing losses, claims, damages, or judgments caused solely by the gross negligence or willful misconduct of PCL or its employees. To the fullest extent permitted by law, client shall indemnify, defend and hold harmless PCL, its officers, directors, employees, agents, affiliates, subsidiaries and parent from and against any and all claims, losses, damages, liabilities and costs (including, but not limited to, reasonable attorneys' fees and costs of defense) arising out of or in any way connected with the performance of services under this agreement, except for claims, losses, damages, liabilities and costs that arise from the sole negligence or willful misconduct of PCL. The foregoing indemnities will be applicable to any liability which the client might otherwise have to PCL and the other indemnified persons. To the fullest extent permitted by law, client agrees that its indemnity obligation will be supported by an adequate public insurance coverage to be furnished by client, with limits of insurance that are in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption. Litigation Expenses of Other Kind (including, without limitation, attorney's fees, court costs and any and all judgment whereof), or any other expenses to exist incurred by client or any other party in any litigation against or including PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, waste or substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any additional administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all analysis, client will be charged a sample disposal fee per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price list in effect at the time of completion of the date the services were rendered (unless otherwise agreed upon confirmed in writing). The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET (insert either thirty (30) days from date of invoices. To the fullest extent permitted (that is) by applicable law, any amounts unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agency fees and related costs such reasonable amount as the courts

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only if in writing and executed by an officer of PCL who is duly authorized to enter into the agreement. Except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished to PCL. Client is acting, services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information, and reports are not requested or shall be used or relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any securities, for securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with (directly or indirectly) any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered or inadequately or after 5pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be emailed to the client if requested. For analytes with holding times of 14 days or less, samples must arrive within 36 hours to allow PCL to meet holding times without applying a rush surcharge. For tests holding times of 7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of the fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been stated on the fee schedule. Reasonable time has been allotted for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

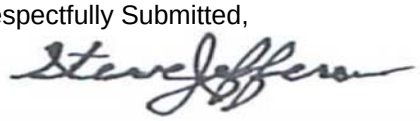
Attention: Ric Vardel
Report Date: 09-Aug-18 14:13
Subject: (MCC) Weekly INF

Project/P.O.#: (MCC) Weekly INF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
INF (Sample I.D.# : 18H0064-01) Collected: 02-Aug-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AH80312	2	08-Aug-18 (EA)	191 mg/l	
Total Suspended Solids	SM 2540D	AH80314	1	03-Aug-18 (EA)	323 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 8/9/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18H0064

Customer: IPC, Inc.		Project: (MCC) Weekly INF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
INF	08/02/18	1140	1	TSS	Grab	AQ	1L P	4°C	
"	"	"	1	BOD	Grab	AQ	1L P	4°C	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	08/02/18	
Received by			8.2.18	1240
Relinquished by			8.2.18	1500
Received by				
Relinquished by				
Received in lab by			8/2/18	1500

Sample Received Checklist 4°C

Temperature upon receipt: _____

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	**HC** - HCl
Comp	**HS** - H_2SO_4
Matrix	**HN** - HNO_3
AQ - Water	**HP** - H_3PO_4
SO -Soil / Sludge	**OH** - NaOH
OT - Other	**ST** - Sodium Thiosulfate
Bottle Type	**AA** - Ascorbic Acid
P - Plastic	**Al** - $AlCl_3$
G - Amber Glass	**Cu** -$CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

2. Independent Contractor

3. Orders and Acceptance

4. Limit of Liability

5. Clients Responsibility

6. Cancellation

7. Governing Agreement

8. Force Majeure

9. Confidentiality

10. Hold Harmless

11. Hazardous Substances

12. Prices/Payments

13. Agreement Modification

14. No Third Party Beneficiaries and Right of Reliance

15. Rush Analysis

16. Holding Times

17. Sample Retention

18. Sample Pick Up/Field Tech Sampling

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 14-Aug-18 16:26
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18H0100-01) Collected: 03-Aug-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AH80514	2	10-Aug-18 (EA)	3 mg/l	
pH	SM4500-H-B	AH80429	0.1	04-Aug-18 (JC)	7.6 pH Units	
Residual Chlorine	SM 4500 Cl-G	AH80428	0.05	04-Aug-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AH80316	1.8	06-Aug-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AH80316	1.8	06-Aug-18 (PL)	2.0 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 8/14/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 12401[illegible]

Customer: IPC, Inc.		**Project :** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** Carlos Alvarez	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	08/03/18	1110	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
"	"	"	1	BOD	Grab	AQ	1L P	4°C	
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez	08/03/18	
Received by		Dandelion PCL	8/3/18	1305
Relinquished by		Dandelion PCL	8/3/18	1425
Received by				
Relinquished by				
Received in lab by		PIC	8/3/18	1500

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC?	Yes	No
Samples intact?	Yes	No
Samples properly preserved?	Yes	No
Samples in holding time?	Yes	No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	HC - HCl
Comp	HS - H_2SO_4
Matrix	HN - HNO_3
AQ - Water	HP - H_3PO_4
SO - Soil / Sludge	OH - NaOH
OT - Other	ST - Sodium Thiosulfate
Bottle Type	AA - Ascorbic Acid
P - Plastic	AI - $AlCl_3$
G - Amber Glass	Cu - $CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any ancillary or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The client may order services by submitting a written Letter of Custody (LOC) to PCL. Any such order constitutes 1. an acceptance by the Client of PCL's offer to do business with the Client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or utilization of consulting services constitutes the Client's express assent to be governed by the terms and conditions herein. Any and all additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "persons" shall mean all work to be performed for the Client, including provision of all equipment, instruments to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods(SM) at the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgment of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or subsidiary to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the Samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample analyses provided to clients or at client's request, and the results obtained by PCL shall be held in confidence unless such information is generally available to the public or is in the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided hereunder are for the exclusive use and benefit of client and client agrees that there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software, programs or other data of PCL.

10. Hold Harmless

Client releases, will indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and costs of all manners including, but not limited to, all court fees, litigation expenses, and reasonable attorney's fees in favor of client or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement, caused or transmitted on, to and/or by client's hazardous materials. E.g., injury, illness or death of person(s), personal damage to, loss of or loss of property, arising out of improper use of many kinds of waste. This indemnity does not apply to any of the foregoing losses, costs, damages, suits or claims caused by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and description arising out of or in connection with the negligence or breach of contract caused by any indemnified person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might have to PCL and the obligations set forth herein. To the extent any indemnity would violate law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, consequential or incidental damages (including without limitation, loss of profit or business interruption, litigation expenses or other fees including, without limitation, attorney's fees, court costs, and/or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or the services provided under this agreement even if client or the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples material for analysis which are, asbestos, radioactive substances, biological or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any waste or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any Hazardous Material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any lab analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule effective at the time of execution of the order the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Prepayment may be required when analytical requirement is required for all new clients or where a history of payment and/or credit account has not been established with PCL. For those clients with an established credit account, the terms for payment of invoices are NET CASH within thirty (30) days from dated invoices. If the client commences litigation or will be applicable law, any amounts unpaid at the end of thirty (30) days is subject to the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedures or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client is obligating no rights hereunder for the work, accounts and notes, report or services, or in any other representation thereof to any other person or entity. Client agrees and acknowledges that there are no third party beneficiaries to this agreement, and that no third parties may rely on PCL's data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not to be used, or shall be used to secure credit in connection with or in any way purchase, sale, hypothecation, or distribution of the securities, any periodic or other reporting to the holders of any security, investment, instrument or collateral, any loan from any financial institution or other lender or the certification to or consulting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any subsequent request, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because samples that are delivered on weekends or after business hours without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours unless PCL to meet holding times without applying a rush surcharge. All tests holding times of 7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less must be delivered the same day in order to guarantee holding times are met. After hours, late deliveries, freight forwarder delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Prolonging long term storage is subject to an additional charge. Samples will be discarded at the end of the period unless storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been stated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 14-Aug-18 16:30
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18H0113-01) Collected: 04-Aug-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AH80514	2	10-Aug-18 (EA)	14 mg/l	
pH	SM4500-H-B	AH80516	0.1	05-Aug-18 (JC)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AH80519	0.05	04-Aug-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AH80427	1.8	06-Aug-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AH80427	1.8	06-Aug-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 8/14/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1SH0113

Customer: IPC, Inc.		**Project:** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** Carlos Alvarez	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	08/04/18	0930	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by	C. Alvarez	Carlos Alvarez	08/04/18	1210
Received by				
Relinquished by	Jose L Gomez	Jose L Gomez	8-4-18	1210
Received by				
Relinquished by				
Received in lab by				

Sample Received Checklist

Temperature upon receipt: 4°c

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions as may, including the Quote reference, and any subsequent amendments or waivers, which are signed and in writing. "Client" means the individual or entity who has retained PCL directly for PCL consulting or sampling services and/or laboratory testing services. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such may periodically be amended or replaced from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

Any written and oral acceptances for Services (as defined herein) are made under the following terms of commercial reasonableness (the "Terms"). These Terms shall not supersede and be superseded only by executed written agreements existing which address the subject matter hereof. No modifications of the Terms shall be valid and binding unless in writing and executed by authorized representatives of the Client and PCL.

The Client may place an order by submitting a written PCL proposal, quotation, or work authorization form signed by an authorized representative of the Client, or by providing PCL with the Client's written or oral instructions to perform the services described in the proposal, quotation, or work authorization form (collectively, the "Services"). Client's order is subject to and expressly limited to these Terms and conditions contained herein. PCL's acceptance of Client's order is expressly limited to these Terms and conditions contained herein. Any additional or different terms proposed by Client are rejected unless expressly accepted in writing by PCL. Client's acceptance of any of the Services performed by PCL after receipt of these Terms shall constitute Client's acceptance of these Terms. Unless otherwise agreed to in writing by PCL, Client shall pay PCL for Services in accordance with PCL's Price Schedule in effect at the time the Services are performed. Client shall pay all invoices within thirty (30) days of the date of the invoice. Late payments are subject to interest charges of 1.5% per month on the unpaid balance. In the event any payment is not received by PCL within thirty (30) days of the invoice date, PCL may suspend performance of Services until payment is received. Client shall pay all costs of collection, including reasonable attorneys' fees, incurred by PCL in connection with the collection of overdue amounts. Client shall notify PCL of any billing disputes within fifteen (15) days of the invoice date, or such disputes shall be deemed waived. Client shall pay all undisputed amounts in accordance with the payment terms set forth herein.

4. Limit of Liability

PCL will perform the Services in accordance with the normal standards of professionals in the profession within the same locality. PCL will use laboratories and analysts which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), US Underground Oil, UK American Society for Testing and Materials (ASTM) Standard Methods (SM) of the Examination of Water and Wastes and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature of contaminants of the sample or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made in a manner consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The aforementioned PCL officers, agents, employees or subcontractors (the "Client Parties") will all perform within the services to be provided hereby, shall not exceed the Client's amount for the Services. Client's exclusive remedy with and for PCL's proposal receives PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any Client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel perform the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for. Adding PCL of the same, and all information required for suitable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for Services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform its obligations pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Each party (the "Receiving Party") agrees to maintain in confidence and not disclose to any third party any information received from the other party (the "Disclosing Party") that is identified as confidential or proprietary or that ought to be considered confidential or proprietary under the circumstances of its disclosure, except as required by law or court order. PCL may disclose the terms of this agreement, Client's name, and the nature of the Services performed hereunder for the purpose of marketing its services. Client shall not disclose any of PCL's pricing, proposals, or methodologies to any third party without PCL's prior written consent.

10. Hold Harmless

Client shall indemnify, defend, and hold harmless PCL, its employees, officers, and agents from and against any and all claims, demands, liabilities, losses, damages, costs, and expenses, including reasonable attorneys' fees, arising out of or in connection with the Services performed hereunder, except to the extent such claims, demands, liabilities, losses, damages, costs, and expenses are caused by the gross negligence or willful misconduct of PCL, its employees, officers, or agents. Client shall not be liable for any claims, demands, liabilities, losses, damages, costs, and expenses caused by the gross negligence or willful misconduct of PCL, its employees, officers, or agents. Client shall indemnify, defend, and hold harmless PCL from and against any and all claims, demands, liabilities, losses, damages, costs, and expenses, including reasonable attorneys' fees, arising out of or in connection with the Services performed hereunder, except to the extent such claims, demands, liabilities, losses, damages, costs, and expenses are caused by the gross negligence or willful misconduct of PCL, its employees, officers, or agents. Client shall not be liable for any claims, demands, liabilities, losses, damages, costs, and expenses caused by the gross negligence or willful misconduct of PCL, its employees, officers, or agents.

11. Hazardous Substances

For the avoidance of doubt, Client acknowledges that PCL will provide and PCL will manage hazardous materials for analysis such as asbestos, asbestos-related pollutants, bacteria or any other biological or chemical material, waste or substances which are deemed dangerous or hazardous to human health or the environment (collectively, "Hazardous Substances"). PCL reserves the right to refuse to perform testing or handle samples of any material or substance that PCL reasonably believes is a Hazardous Substance. Client shall notify PCL prior to the delivery of any samples that Client knows or has reason to believe contain Hazardous Substances. Client shall be responsible for all costs associated with the proper handling, storage, transportation, and disposal of Hazardous Substances provided by Client, including any costs incurred by PCL in connection with the Services performed hereunder. Client shall indemnify, defend, and hold harmless PCL from and against any and all claims, demands, liabilities, losses, damages, costs, and expenses, including reasonable attorneys' fees, arising out of or in connection with the presence, handling, storage, transportation, or disposal of Hazardous Substances provided by Client, except to the extent such claims, demands, liabilities, losses, damages, costs, and expenses are caused by the gross negligence or willful misconduct of PCL, its employees, officers, or agents. Client shall not be liable for any claims, demands, liabilities, losses, damages, costs, and expenses caused by the gross negligence or willful misconduct of PCL, its employees, officers, or agents. Client shall indemnify, defend, and hold harmless PCL from and against any and all claims, demands, liabilities, losses, damages, costs, and expenses, including reasonable attorneys' fees, arising out of or in connection with the presence, handling, storage, transportation, or disposal of Hazardous Substances provided by Client, except to the extent such claims, demands, liabilities, losses, damages, costs, and expenses are caused by the gross negligence or willful misconduct of PCL, its employees, officers, or agents. Client shall not be liable for any claims, demands, liabilities, losses, damages, costs, and expenses caused by the gross negligence or willful misconduct of PCL, its employees, officers, or agents.

12. Prices/Payments

Client may pay PCL in accordance with PCL's standard price schedule in effect at the time of performance of the Services, unless otherwise agreed to in writing. The parties agree to adjust for changes of any new, additional services requested in advance or when circumstances encountered in the field differ from those on which a proposal and/or price quotation has been established by PCL. No price quote, written or otherwise, shall be binding on PCL for a period of longer than thirty (30) days from date of issuance. Initial travel time to the project site (if at all) is not included in any price quote and is the responsibility of the client. PCL may, in its sole discretion, charge a travel time fee for travel to the project site. Client shall pay PCL all applicable taxes, duties, and governmental charges, including but not limited to sales, use, excise, value-added, and similar taxes, and any penalties or interest thereon, arising out of or relating to the Services provided by PCL, except for taxes based on PCL's net income. Client shall indemnify, defend, and hold harmless PCL from and against any and all claims, demands, liabilities, losses, damages, costs, and expenses, including reasonable attorneys' fees, arising out of or in connection with Client's failure to pay such taxes, duties, or charges.

13. Agreement Modification

Changes, modifications, or amendments to the terms of this agreement must be in writing and signed by authorized representatives of both parties. No oral agreements or understandings shall be binding unless reduced to writing and signed by the authorized representatives.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for Client's use of the work product, data, information, or reports prepared by PCL. Client is solely responsible for its own independent evaluation of and decisions regarding the Services and work product. No third party beneficiaries to this agreement are intended. Any reports, opinions, or recommendations prepared by PCL are for the sole benefit of Client and may not be relied upon by any other person or entity without PCL's prior written consent. Client shall indemnify, defend, and hold harmless PCL from and against any and all claims, demands, liabilities, losses, damages, costs, and expenses, including reasonable attorneys' fees, arising out of or in connection with any unauthorized use of or reliance on PCL's work product, data, information, or reports by Client or any third party. The warranty and liability limitations set forth herein are for the benefit of Client only, and no other person or entity shall have any rights or remedies under this agreement or otherwise against PCL with respect to the Services performed hereunder. Client shall not assign its rights or delegate its obligations under this agreement without the prior written consent of PCL, and any attempted assignment or delegation without such consent shall be void and of no effect. Client shall indemnify, defend, and hold harmless PCL from and against any and all claims, demands, liabilities, losses, damages, costs, and expenses, including reasonable attorneys' fees, arising out of or in connection with any unauthorized use of or reliance on PCL's work product, data, information, or reports by Client or any third party.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the client cannot be contacted within the agreed upon window, PCL will not be responsible for missing the agreed upon turnaround time.

16. Holding Times

PCL will perform reasonable sampling and analysis that are consistent with standard practices and industry standards. Unless otherwise instructed in writing by Client, all samples will be disposed of 14 days following completion of analysis. Client may request PCL to retain samples for a longer period of time, but PCL reserves the right to charge a storage fee for such service. Client shall provide PCL with sufficient quantity of sample for PCL to perform the requested analyses. PCL will not be responsible for any loss or damage to samples due to insufficient sample quantity. Client shall notify PCL in writing of any hazardous characteristics of samples prior to delivery to PCL. PCL will not be responsible for any loss or damage to samples due to hazardous characteristics that were not disclosed to PCL in writing prior to delivery.

17. Sample Retention

All samples are retained for 30 days from the date of analysis. Samples are disposed of after this period unless otherwise requested by the client in writing. Client may request PCL to retain samples for a longer period of time, but PCL reserves the right to charge a storage fee for such service. The storage fee will be determined at the time of the request and will be based on the volume and type of samples being stored.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been estimated on the fee schedule. Rescheduling fees have been established for each pick up or service. Unnecessary delays during the pick up or sampling might be subject to additional fees.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

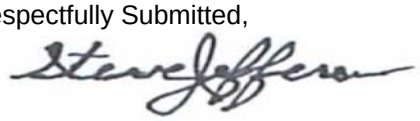
Attention: Ric Vardel
Report Date: 14-Aug-18 16:32
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18H0117-01) Collected: 05-Aug-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AH80733	2	12-Aug-18 (VL)	16 mg/l	
pH	SM4500-H-B	AH80637	0.1	05-Aug-18 (SS)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AH80635	0.05	06-Aug-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AH80515	1.8	07-Aug-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AH80515	1.8	07-Aug-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 8/14/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: ~~18H0117~~ 18H0117

Customer: IPC, Inc.		**Project :** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** JULIO LEAL	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	08-05-18	08:30	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
	/	/	1	BOD	Grab	AQ	1L P	4°C	
	/	/	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	JULIO LEAL	8-5-18	1250
Received by	Jordan Corkery	8/5/18	1250
Relinquished by			
Received by			
Relinquished by			
Received in lab by			

Sample Received Checklist

Temperature upon receipt: 4°c

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

2. Independent Contractor

3. Orders and Acceptance

4. Limit of Liability

5. Clients Responsibility

6. Cancellation

7. Overriding Agreement

8. Force Majeure

9. Confidentiality

10. Hold Harmless

11. Hazardous Substances

12. Prices/Payments

13. Agreement Modification

14. No Third Party Beneficiaries: No Right of Reliance

15. Rush Analysis

16. Holding Times

17. Sample Retention

18. Sample Pick Up/Field Tech Sampling

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 14-Aug-18 16:35
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18H0129-01) Collected: 06-Aug-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AH80733	2	12-Aug-18 (VL)	5 mg/l	
pH	SM4500-H-B	AH80908	0.1	06-Aug-18 (SS)	7.2 pH Units	
Residual Chlorine	SM 4500 Cl-G	AH80725	0.05	07-Aug-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AH80638	1.8	08-Aug-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AH80638	1.8	08-Aug-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 8/14/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18H0129

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Cindy.	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	08/06/18	1110	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.2 / 28.1°C
			1	BOD	Grab	AQ	1L P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	Carlos Alvarez	08/06/18	11:50
Received by	Cindy. (PCL)	8/6/18	11:50
Relinquished by	Cindy	8/6/18	13:00
Received by			
Relinquished by			
Received in lab by		8/6/18	1300

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Client" and "you/your" mean these Terms and conditions of use, including the price schedule, and any agreements or amendments knowingly recognized by writing. "Client" means the additional or entity who may receive any story services, including or sampling services and his or its heirs, successors, assigns and representatives. "Private Enterprise" means Pat-Chem Laboratories (PCL) Hazlehurst, Georgia, as both agreements may be amended or replaced from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services as described herein only under the following General Terms and Conditions (the "Terms"). The following shall apply: 1) to the extent that none exclusive agreement is acting which governs the transaction, the Terms, no modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written order of customer (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of this contract or create any exceptions to the Terms and conditions.

For purposes of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession where applicable. PCL will use analytical methodologies which are in substantial compliance with the U.S. Environmental Protection Agency (EPA), EA Waterboard Group), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods for the Examination of Water and Wastewater, and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the professional judgment of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and the PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or subcontractors for any claims and all suits in connection with the services to be provided herein, shall not exceed the invoice amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provision to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for allowing PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform its obligations pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Each party (the "receiving party") shall hold in confidence all information received from the other party (the "disclosing party") that is designated as confidential or proprietary or that reasonably should be understood to be confidential or proprietary given the nature of the information and the circumstances of disclosure. The receiving party shall: (a) use the disclosing party's confidential information only for the purposes of performing its obligations under this agreement; (b) limit access to the disclosing party's confidential information to those of its employees, agents, and subcontractors who need to know such information for the purposes of performing its obligations under this agreement and who are bound by written confidentiality obligations at least as protective as those set forth in this section; and (c) not disclose the disclosing party's confidential information to any third party without the prior written consent of the disclosing party. The receiving party shall not be liable for disclosure or use of information that: (a) is or becomes generally available to the public other than as a result of a breach of this agreement; (b) was lawfully known to the receiving party without restriction before disclosure by the disclosing party; (c) is lawfully obtained from a third party without restriction and without breach of any confidentiality obligation; or (d) is required to be disclosed by law, regulation, or court order, provided that the receiving party gives the disclosing party prompt written notice of such required disclosure and reasonably cooperates with the disclosing party's efforts to obtain a protective order or other appropriate remedy. Upon the termination or expiration of this agreement, or upon the disclosing party's written request, the receiving party shall promptly return or destroy all copies of the disclosing party's confidential information in its possession or control, and shall certify in writing to the disclosing party that it has done so. The obligations of confidentiality set forth in this section shall survive the termination or expiration of this agreement for a period of three (3) years.

10. Hold Harmless

Client agrees to, and shall hold harmless, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries, and current members from and against any and all liabilities, losses, damages, claims, demands, lawsuits, actions, and expenses (including, but not limited to, attorneys' fees and costs of suit, court and arbitration costs, and expert witness fees) of every kind and nature whatsoever, arising out of, or in any way relating to: (a) any breach by client of any of its obligations, representations, or warranties under this agreement; (b) any negligent or willful misconduct of client or its employees, agents, or subcontractors; (c) any claim, demand, or action by any third party alleging that client's use of the services, or the results or reports delivered to client by PCL pursuant to this agreement, and/or client's handling or possession of client's hazardous materials, infringes, violates or misappropriates any patent, copyright, trademark, trade secret, or other intellectual property right of any third party; (d) any claim, demand, or action by any third party for bodily injury, death, damage to, or loss of use of property, arising out of or relating to client's hazardous materials, or client's handling, possession, use, storage, transportation, or disposal of client's hazardous materials; or (e) any violation by client of any applicable law, rule, or regulation. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including without limitation, loss of profit or business interruption) of any kind whatsoever, even if such damages were foreseeable and whether or not client or PCL has been advised of the possibility of such damages, and regardless of the basis upon which the liability is claimed. In the event PCL is found liable to client for any direct damages, client agrees that the total liability of PCL, its affiliates, officers, agents, employees, and subcontractors, whether such liability arises in contract or tort (including, but not limited to, negligence and strict liability), or otherwise, shall not exceed the total compensation received by PCL hereunder or the maximum sum as may be permitted by applicable law, whichever is less. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including without limitation, loss of profit or business interruption) of any kind whatsoever, even if such damages were foreseeable and whether or not client or PCL has been advised of the possibility of such damages, and regardless of the basis upon which the liability is claimed. In the event PCL is found liable to client for any direct damages, client agrees that the total liability of PCL, its affiliates, officers, agents, employees, and subcontractors, whether such liability arises in contract or tort (including, but not limited to, negligence and strict liability), or otherwise, shall not exceed the total compensation received by PCL hereunder or the maximum sum as may be permitted by applicable law, whichever is less.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide PCL with non-hazardous samples materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other substances or toxic materials, wastes and substances which are defined, determined or classified as such under federal, state or local laws, rules, PCL agrees to return any remaining or left over sample or test material or dispose of in accordance with client's instructions. Client represents that any hazardous material provided by PCL from client at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify PCL's preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for analytical testing, analysis, client will be charged a sample disposal fee per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's then-the price schedule in effect at the time of commission of the work the services were rendered, which shall be quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or client analysis is considered required for all new clients or client's history of payment and records of work has been established with PCL. For many clients with an established credit account, the terms for payment of invoices are net eight (30) days from date of invoices. To the fullest extent permitted at law by applicable law, any amount owed by the net of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balance. If unpaid amounts are to be sent through legal proceedings or by an attorney, the client shall pay reasonable court and attorney fees or agents' fees associated with said collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the Terms shall be effective only if in writing and executed by an officer of PCL and by clients authorized representative. Any changes subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is retaining services hereunder for its own account, and not as agent or servant, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not to be used, or shall be used or relied upon, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities or any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or dealings with brokers, underwriters, and governmental agencies or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any subsequent reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or other short notice without prior notification and acceptance. Standard holding times and preservation methods should be followed as set by samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times 3-7 days, samples must arrive at the lab within 24 hours before we can work to ensure that the holding times can be met. Short Holding Times of 48 hours or less that require 6 hours must be delivered that same day in order to guarantee holding times are met. After hours, late deliveries, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

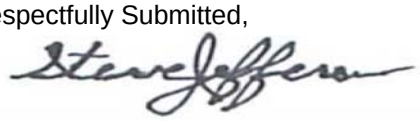
Attention: Ric Vardel
Report Date: 14-Aug-18 16:37
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18H0181-01) Collected: 07-Aug-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AH80827	2	13-Aug-18 (SGS)	<2 mg/l	
pH	SM4500-H-B	AH80908	0.1	07-Aug-18 (SS)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AH80835	0.05	08-Aug-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AH80734	1.8	09-Aug-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AH80734	1.8	09-Aug-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 8/14/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1811081

Customer: IPC, Inc.		**Project:** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** Carlos Alvarez	**P.O. #:**
Irvine	CA 92618	**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	08/07/18	1055	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez	08/09/18	
Received by		David Lara PCL	8/7/18	1422
Relinquished by		David Lara PCL	8/7/18	1832
Received by				
Relinquished by				
Received in lab by		PCL	8-7-18	1900

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC?	Yes	No
Samples intact?	Yes	No
Samples properly preserved?	Yes	No
Samples in holding time?	Yes	No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Matrix	Bottle Type
Grab	AQ - Water	P - Plastic
Comp	SO - Soil / Sludge	G - Amber Glass
	OT - Other	VOA - 40 ml Vial
		Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these terms and conditions of sale, including the price schedule, and any additions or amendments to which are agreed to in writing. "Client" means the individual or entity who is to receive laboratory services, consulting or sampling services and who is to pay fees, assessments, charges and expenses. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined below) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by those terms and conditions.

The Client's delivery of samples to PCL or initiation of scheduling services constitutes the client's express assent to the provisions of these terms and conditions. No contrary or additional terms and conditions expressed in a client's communications shall be deemed to become a part of the agreement created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the current standards of care/diligence in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (RWQB), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL's standard operating procedures (SOP's) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's execution of a work order and/or payment releases PCL from any liability in excess of the invoiced amount for the services (s) notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for assisting PCL of the scope and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform its obligations pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample material provided by or on behalf of client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or in the public domain or client has failed to pay PCL for all services performed as per provisions of this agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided hereunder are for the exclusive use and benefit of client and client agrees that there shall be no third party beneficiary of such reports, data or information. Client without disclosure to any third party any information concerning client's confidential information, software, proprietary or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to, all costs for the litigation (experts and witnesses) arising in favor of client or any third party, as a result of, related in any way to arising incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, receiving or disposal of client's hazardous materials, or injury, illness or death of persons (including, without limitation, all loss of use of property and all consequential loss of any kind of character). The indemnity described apply to any of the foregoing which exists, claims, demands, suits, causes of action or loss by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence of or breach of conduct of any independent person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities are in addition to any duties which the client might otherwise have to PCL and the other indemnified persons. To the extent that client, under applicable law, client agrees that its indemnity obligations will be supported by available liability insurance coverage to be furnished by client, which insurance shall be, to the maximum amounts permitted under applicable law, in no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including without limitation, loss of profit or business interruption. Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and/or the amount of judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or any services provided under this agreement, even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for asphalt personal analysis, client will be charged a sample disposal fee per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client requests PCL, in accordance with PCL's applicable price schedule in effect at the time of acceptance of the order, the services as requested or as may subsequently be confirmed in writing. The price schedule is subject to change at any time without notice. Payment is expected for client analysis is completed. It is agreed that all new clients or with credit or payment and/or credit accounts not been established with PCL. No client, client's agent or any associated party, including, the terms for payment of charges are NET CASH within thirty (30) days from date of invoice. To the fullest extent permitted by all or in part, any amount unpaid at the end of that day shall be subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If any old amount is collected through legal proceedings or by an attorney, or client shall pay reasonable costs and attorney's fees or costs. Non-established with credit collection process will be:

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client is retaining services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. Client is agent and acknowledges that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not to be relied upon by client to effect such, in connection with or as part of any investment, sale, underwriting, solicitation of sale, securities, and participation other reporting, or the purchase of any lease or the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any, unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded as a result of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 72 hours or less, samples must arrive within 24 hours of sampling to allow PCL to meet holding times. All analyses with holding times of 48 hours or less must arrive within 24 hours to allow PCL to meet holding times. All analyses with holding times of 24 hours or less (bacteria) must be delivered the same day in order to guarantee holding times are met. Short notice, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been quoted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

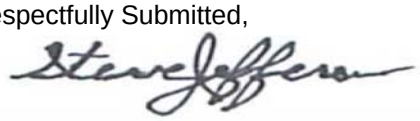
Attention: Ric Vardel
Report Date: 14-Aug-18 16:41
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18H0203-01) Collected: 08-Aug-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AH80910	2	14-Aug-18 (SGS)	2 mg/l	
pH	SM4500-H-B	AH80908	0.1	08-Aug-18 (SS)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AH80913	0.05	09-Aug-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AH80834	1.8	10-Aug-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AH80834	1.8	10-Aug-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 8/14/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 180203

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Julio Leal	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	08-08-18	13:30	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
	"	"	1	BOD	Grab	AQ	1L P	4°C	
	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

Signature	Print Name (Company)	Date	Time
Relinquished by	Julio Leal	8-8-18	
Received by	David Lau PCL	8/8/18	1402
Relinquished by	David Lau PCL	8/8/18	1502
Received by			
Relinquished by			
Received in lab by			

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC?	Yes	No
Samples intact?	Yes	No
Samples properly preserved?	Yes	No
Samples in holding time?	Yes	No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Matrix	Bottle Type	Preservations
Grab	AQ - Water	P - Plastic	HC - HCl
Comp	SO - Soil / Sludge	G - Amber Glass	HS - H_2SO_4
	OT - Other	VOA - 40 ml Vial	HN - HNO_3
		Coli - bacteria	HP - H_3PO_4
			OH - NaOH
			ST - Sodium Thiosulfate
			AA - Ascorbic Acid
			Al - $AlCl_3$
			Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments thereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing its services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may order services by submitting a written Chain of Custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this Agreement, "Services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is given or available to the public, or in the public domain, or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data when such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees none shall be any third party beneficiary of such reports, data or information. Client will not disclose to any third party any proprietary or confidential technical information provided by PCL.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent companies from and against any and all liabilities, losses or damages, claims, demands, causes of action, costs and associated expenses, including, but not limited to, attorneys fees (the aforementioned expenses shall accrue as long as there or any third party as a result of, and/or in any way arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, disease or death of persons 2. Loss of, damage to, use of, or loss of use of property and/or 3. Financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages, or claims caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, the indemnity shall not be wholly applicable to client, client does also release PCL of every kind and character arising out of or in connection with the negligence of or breach of contract by any intermediate person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption (regulatory expenses or citation fees including, without limitation, attorney's fees, court costs, and/or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or any services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples or materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any Hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of operations and/or date the services were rendered or as otherwise specified in sales confirmation or writing. The price schedule is subject to change at any time without notice. Payment is due upon receipt of invoice unless otherwise agreed to in writing. If credit or a monthly payment and/or credit account has been established with PCL for those clients with such established clients accepted, the terms for payment of charges per PCL's then-in-effect Price Schedule from date of invoice. To the fullest extent permitted by all applicable law, any amount owed to PCL not paid when due shall be subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees of PCL's collection efforts.

13. Agreement Modification

All waivers, modifications or amendments of the terms shall be effective only if in writing and executed by authorized PCL and by client's authorized representative, except that subsequent orders for additional services may be placed in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client or recipient services hereunder for its own accounts, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not relied on, or shall be used to rely upon, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, and period (, or other reporting to the holders of any security, the issuing, amendment, renewal, or extension of any loan from any financial institution or other investor or the classification of or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround times cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 24 hours or less (Standard is 48 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on invoice schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

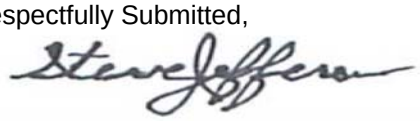
Attention: Ric Vardel
Report Date: 17-Aug-18 15:19
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18H0237-01) Collected: 09-Aug-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AH81008	2	15-Aug-18 (EA)	<2 mg/l	
pH	SM4500-H-B	AH81125	0.1	09-Aug-18 (JC)	7.6 pH Units	
Residual Chlorine	SM 4500 Cl-G	AH81021	0.05	10-Aug-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AH80907	1.8	11-Aug-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AH80907	1.8	11-Aug-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 8/17/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18M0237

Customer: IPC, Inc.		Project : (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	08/09/18	1205	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

~~Geotracker EDD:~~
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (CAC)	08/09/18	
Received by	EB	Emily	8.9.18	1245
Relinquished by	EB	Emily	8.9.18	1500
Received by				
Relinquished by				
Received in lab by		VLL	8.9.18	16:00

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? ~~Yes~~ No

Samples intact? ~~Yes~~ No

Samples properly preserved? ~~Yes~~ No

Samples in holding time? ~~Yes~~ No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Matrix	Bottle Type
~~Grab~~	~~AQ~~ - Water	~~P~~ - Plastic
Comp	SO -Soil / Sludge	G - Amber Glass
	OT - Other	VOA - 40 ml Vial
		Coli - bacteria

Preservations

HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

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10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, all employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to attorneys' fees (the "Litigation Expenses") and awards arising in favor of client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials 1. injury, disease or death of persons 2. loss of, damage to, loss of, or loss of use of property and or 3. financial loss of every kind of kind arise. This indemnity does not apply to any of the foregoing losses, costs, damages or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims and causes of actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption. Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and/or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples or materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and (when) confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when invoice is presented is required for all new clients or clients a history of payment and/or credit has not been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET 30DAYS which is 30 days from date of invoices. To the fullest extent permitted by all applicable law, any amount unpaid as the end of thirty (30) days is subject to interest at the lesser of (a) the maximum rate permitted by law or (b) one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or assess" fees associated with such collection proceedings or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only if in writing and executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be placed orally or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client is securing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not required by, or shall be used to rely upon, in connection with or as part of the purchase, sale, underwriting, or syndication of any securities, any periodic or other reporting to the holders of any securities, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 5pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (analysis 48 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 17-Aug-18 15:16
Subject: (MCC) Monthly EFF

Project/P.O.#: (MCC) Monthly EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18H0236-01) Collected: 09-Aug-18 By IPC						
Boron	EPA 200.7	AH81005	0.10	10-Aug-18 (AF)	0.78 mg/l	
MBAS	SM 5540C	AH81004	0.20	10-Aug-18 (PL)	<0.20 mg/l	
Oil & Grease (HEM)	EPA 1664A	AH81331	5	13-Aug-18 (VD)	<5 mg/l	
Phosphorus, Total as P	EPA 365.1	AH81534	0.03	16-Aug-18 (LA)	0.04 mg/l	
Total Dissolved Solids	SM 2540C	AH81336	5	15-Aug-18 (EA)	740 mg/l	
Chloride	EPA 300.0	AH81012	1.0	10-Aug-18 (PL)	215 mg/l	
Sulfate as SO4	EPA 300.0	AH81012	0.5	10-Aug-18 (PL)	126 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 8/17/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1811236

Customer: IPC, Inc.		Project: (MCC) Monthly EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine	CA 92618	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	08/09/18	1205	1	SO4, Cl, TDS	Grab	AQ	1/2 Gal. P	4°C	
			1	MBAS	Grab	AQ	500 P	4°C	
			1	Oil & Grease	Grab	AQ	1L G	HC	
			1	Boron	Grab	AQ	250 P	HN	
			1	T.Phos	Grab	AQ	250 P	4°C	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	Carlos Alvarez (SPL)	08/09/18	
Received by		8.9.18	1245
Relinquished by		8.9.18	1500
Received by			
Relinquished by			
Received in lab by		8-9-18	16:22

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
~~Grab~~
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

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For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the service(s) in accordance with the normal standards of workmanship in the profession, where applicable. PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA WaterReuse (FLAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provision to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or in the public domain or Client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided previously for the particular use and benefit of them and client agrees that there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software, equipment or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and reasonable expenses including, but not limited to all court fees (the obligation to indemnify and defend falling in favor of Client or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to the agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, disease or death of persons 2. loss of, damage to, loss of, or loss of use of property and/or 3. nuisance (of any kind or character). This indemnity provision applies to any of the foregoing losses, costs, damages, or suits caused solely by the sole negligence or willful misconduct of PCL or its employees. For more information, visit: Specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence (or alleged negligence) of any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other Indemnified Persons. To the extend necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance in coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) resulting from Experts or other fees (including, without limitation, attorney's fees, court costs, and fees on appeal [judgment interest]), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any work product or services in connection with this agreement to the maximum amounts permitted under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or designated as such under federal, state or local laws, rules, PCL's policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any lab bacterial analysis, client will be charged a sample disposal fee per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of operations on the date the services were rendered or such prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance for each analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoice. To the fullest extent permitted by all applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedures or actions.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only if in writing and executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client's representations, warranties, and agrees that said data, information and reports are not requested, or shall be used to refuse, or as conditions with or as part of, the purchase, sale, underwriting, or distribution of any securities. Any personal or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender, or the participating with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analysis are available for an additional charge and must be arranged in advance. If, for any subsequent reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after hours on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analytes with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All other holding times 7-7 days, samples must arrive at the lab within 24-5 days before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria) samples must be delivered that same day in order to guarantee holding times are met. After hours, late deliveries, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been stated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 14-Aug-18 16:44
Subject: (MCC) Weekly EFF

Project/P.O.#: (MCC) Weekly EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18H0234-01) Collected: 09-Aug-18 By IPC						
Ammonia as N	EPA 350.1	AH81007	0.10	10-Aug-18 (SGS)	<0.10 mg/l	
Nitrate as N	EPA 353.2	AH81017	0.20	10-Aug-18 (LA)	4.67 mg/l	
Nitrite as N	EPA 353.2	AH81017	0.02	10-Aug-18 (LA)	<0.02 mg/l	
Total Kjeldahl Nitrogen	EPA 351.2	AH81333	0.10	14-Aug-18 (LA)	0.72 mg/l	
Total Suspended Solids	SM 2540D	AH81009	1	10-Aug-18 (EA)	1 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 8/14/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1810234

Customer: IPC, Inc.		Project : (MCC) Weekly EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	08/09/18	1205	1	TSS	Grab	AQ	1L P	4°C	
			1	NH4, TKN	Grab	AQ	500 P	HS	
			1	NO2, NO3	Grab	AQ	500 P	4°C	
Geotracker EDD: Logcode: IPCI Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	08/09/18	
Received by			8.9.18	1245
Relinquished by			8.9.18	1500
Received by				
Relinquished by				
Received in lab by			8.9.18	

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab Comp	HC - HCl HS - H_2SO_4
Matrix AQ - Water SO -Soil / Sludge OT - Other	HN - HNO_3 HP - H_3PO_4 OH - NaOH ST - Sodium Thiosulfate
Bottle Type P - Plastic G - Amber Glass VOA - 40 ml Vial Coli - bacteria	AA - Ascorbic Acid Al - $AlCl_3$ Cu -$CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his/her/its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule or such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the Terms and condition and 2. an agreement to be bound by those terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the sample or otherwise based on the reasonable judgment of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

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Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

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The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

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10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses, including, but not limited to all court fees, (the "Litigation Expenses") and awards arising in favor of client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, illness or death of persons, 2. loss of, damage to, loss of, or loss of use of property and/or 3. financial or other injury of any kind or nature. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any unidentified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption, Litigation Expenses or other fees including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest, or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

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14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client in securing services responsible for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to, in any way, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any securities, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analytes are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM
LABORATORIES
QUALITY ANALYTICAL SERVICES SINCE 1987
1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

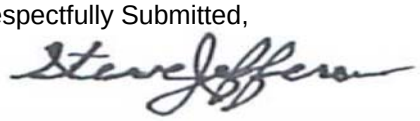
Attention: Ric Vardel
Report Date: 17-Aug-18 15:14
Subject: (MCC) Weekly INF

Project/P.O.#: (MCC) Weekly INF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
INF (Sample I.D.# : 18H0233-01) Collected: 09-Aug-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AH81008	2	15-Aug-18 (EA)	504 mg/l	
Total Suspended Solids	SM 2540D	AH81009	1	10-Aug-18 (EA)	208 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 8/17/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18V10233

Customer: IPC, Inc.		Project: (MCC) Weekly INF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine	CA 92618	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
INF	08/09/18	1130	1	TSS	Grab	AQ	1L P	4°C	
"	"	"	1	BOD	Grab	AQ	1L P	4°C	
Geotracker EDD: Logcode: IPCI Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	08/09/18	
Received by	EB	Carlos (PCL)	8.9.18	1245
Relinquished by	EB	Carlos (PCL)	8.9.18	1500
Received by				
Relinquished by				
Received in lab by			8.9.18	1600

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

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PCL acts solely as an independent contractor in performing all services.

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PCL offers and will accept orders for services (as defined hereof) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound to these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

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The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public, or is the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it would employ to its own confidential data and shall not be responsible for unauthorized disclosure of such data, where such standard was followed. PCL reports and information provided thereto are for the exclusive use and benefit of client and PCL agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses, including, but not limited to attorneys fees (including expenses and awards) arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazard ous materials. 1. injury, disease or death of persons 2. loss of, damage to, loss of, or loss of use of property and/or 3. financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages or liabilities caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any unidentified person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities are in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, Client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party to any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or client with a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by law or any applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedures or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client, authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 48 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 8 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 23-Aug-18 14:15
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18H0269-01) Collected: 10-Aug-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AH81237	2	17-Aug-18 (EA)	8 mg/l	
pH	SM4500-H-B	AH81125	0.1	10-Aug-18 (JC)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AH81126	0.05	11-Aug-18 (JC)	0.92 mg/l	
Fecal Coliforms	SM 9221E	AH81016	1.8	12-Aug-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AH81016	1.8	12-Aug-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 8/23/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18M0269

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	08/10/18	1030	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
~~Geotracker EDD:~~ Logcode: IPCI Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	08/10/18	
Received by		David Lara PCL	08/10/18	1358
Relinquished by		David Lara PCL	8/10/18	1415
Received by				
Relinquished by				
Received in lab by		PCL	8/10/18	1600

Sample Received Checklist

Temperature upon receipt:	4
# of bottles agrees with COC?	Yes / No
Samples intact?	Yes / No
Samples properly preserved?	Yes / No
Samples in holding time?	Yes / No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab Comp	HC - HCl HS - H_2SO_4 HN - HNO_3 HP - H_3PO_4 OH - NaOH ST - Sodium Thiosulfate AA - Ascorbic Acid Al - $AlCl_3$ Cu - $CuSO_4$
Matrix AQ - Water SO - Soil / Sludge OT - Other	
Bottle Type P - Plastic G - Amber Glass VOA - 40 ml Vial Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat Chem Laboratories (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services for delivery hereof only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The Client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract thereby upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control [illegible]

9. Confidentiality

Data and the sample materials provided by client or at client's request, and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public, or is the public domain or client has failed to pay PCL for all services rendered, or is otherwise in breach of the agreement) (subject to any disclosure required by law or legal process). PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereunder are for the exclusive use and benefit of client and PCL agrees that shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries, and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees (the litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. Injury, disease or death of persons 2. Loss of, damage to, loss of, or loss of use of property and/or 3. Pollution of any kind of character. This indemnity does not apply to any of the foregoing risks, costs, damages or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the Client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, Client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including without limitation, loss of profit or business interruption) (litigation Expenses in either case including, without limitation, attorney's fees, court costs, and the give or take judgment interest), or any other expenses or costs incurred by client or any other party in any legal action against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any Hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of such orders on the date the services were rendered or such prices otherwise agreed to in writing. The price schedule is subject to change at any time without notice. Payment in advance or other security as may be required for all new clients or upon a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permissible at all by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay the reasonable costs and attorney's fees incurred, both with and without litigation, plus collection efforts.

13. Agreement Modification

Changes/modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client's authorized representative. In excess that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent of broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants and agrees that said data, information and reports are not requested, or shall be used to negotiate in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any securities, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours. Before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (Specialty 24 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

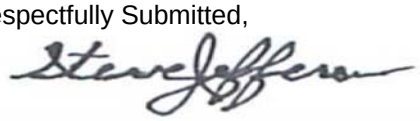
Attention: Ric Vardel
Report Date: 04-Sep-18 10:16
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18H0269-01) Collected: 10-Aug-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AH81237	2	17-Aug-18 (EA)	8 mg/l	
pH	SM4500-H-B	AH81125	0.1	10-Aug-18 (JC)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AH81126	0.05	11-Aug-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AH81016	1.8	12-Aug-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AH81016	1.8	12-Aug-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 9/4/2018
Laboratory Director

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 23-Aug-18 14:18
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18H0277-01) Collected: 11-Aug-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AH81237	2	17-Aug-18 (EA)	5 mg/l	
pH	SM4500-H-B	AH81335	0.1	11-Aug-18 (SS)	7.1 pH Units	
Residual Chlorine	SM 4500 Cl-G	AH81334	0.05	11-Aug-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AH81124	1.8	13-Aug-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AH81124	1.8	13-Aug-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 8/23/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18H0277

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: (Field) Lab
EFF	08/11/18	0850	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.1/24.3°C
"	"	"	1	BOD	Grab	AQ	1L P	4°C	
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

~~Geotracker EDD:~~
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	08/11/18	1412
Received by		MARIO SANTIESTEBAN (PCL)	8/11/18	1412
Relinquished by		MARIO SANTIESTEBAN (PCL)	8/11/18	1555
Received by				
Relinquished by				
Received in lab by				

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab Comp	HC - HCl HS - H_2SO_4 HN - HNO_3 HP - H_3PO_4 OH - NaOH ST - Sodium Thiosulfate AA - Ascorbic Acid Al - $AlCl_3$ Cu - $CuSO_4$
Matrix AQ - Water SO - Soil / Sludge OT - Other	
Bottle Type P - Plastic G - Amber Glass VOA - 40 ml Vial Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additional or amended terms to which we have agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing its services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined below) only under the following General Terms and Conditions (the "Terms"). Those below shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The Client may place services by submitting a written chain of custody (COC) to PCL. Any such order constitutes Client's acceptance by the client of PCL's offer to do business with the client under the terms and conditions stated. Client agrees to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For the purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (CAWP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the sample(s) are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample material provided by client or at client's request and the reports prepared by PCL shall be held in confidence (unless such information is generally available to the public or to the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of this agreement) subject to any disclosure required by law or legal process. PCL recognizes the value and need for care in collecting and handling confidential data and shall not be responsible for unauthorized disclosure of such data where such handling was in accordance with PCL reports and proposals provided thereto and for the purpose and limit of liability set forth in this agreement. PCL disclaims any third party beneficiary status. Data or information obtained or developed by PCL during the course of work performed under this agreement shall be the property of PCL.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, successors and parent companies from and against any and all claims, losses and damages, causes of action, suits and liabilities of every kind, including, but not limited to, attorneys' fees, litigation expenses and costs, arising on behalf of Client or any third party, as a result of, and/or in any way relating, incident or arising out of or in connection with the performance of services by PCL pursuant to this agreement, and/or transporting, handling or disposal of client's hazardous materials. This release or decision of persons 2, 3 or 4 of damage to, loss of, or use of, or destruction of property and/or 5. personal injury, illness or death of any kind of character. This indemnity shall apply to any of the foregoing losses, costs, damages or liabilities caused solely or in part by the negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to, cover, compensate and defend any and all claims, demands and causes of action of every kind and character arising out of or in connection with any negligence or act or omission of client or any independent person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will not in addition to any liability which the client may otherwise have to PCL and the other indemnified persons. To the extent necessarily under applicable law, Client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by Client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive (unless incidental or consequential damages including, without limitation, loss of profit or business interruption) litigation expenses or other fees (including, without limitation, attorney's fees, court costs, and/or pre or post judgment interest), or any of all expenses PCL could sustain by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

If it PCL to perform the services requested by client, client will provide and PCL will receive samples or materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any lab or field analysis, client will be charged a sample disposal fee per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of commencement of the date the services were rendered or with price quotes and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or upon delivery of reports is required for all new clients or until a history of payment and/or credit approval has been established with PCL. For those clients with an established account, or such, the terms for payment of charges are NET [ ] days from date of invoice. To the extent permitted by law, any amount which is not paid within thirty (30) days from date of invoice, any amount which is not paid within thirty (30) days from date of invoice, any amount which is not paid within thirty (30) days from date of invoice

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

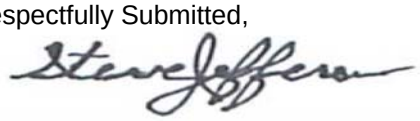
Attention: Ric Vardel
Report Date: 23-Aug-18 14:20
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18H0282-01) Collected: 12-Aug-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AH81429	2	19-Aug-18 (VL)	<2 mg/l	
pH	SM4500-H-B	AH81335	0.1	12-Aug-18 (SS)	7.2 pH Units	
Residual Chlorine	SM 4500 Cl-G	AH81334	0.05	12-Aug-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AH81236	1.8	14-Aug-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AH81236	1.8	14-Aug-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 8/23/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18.1026

Customer: IPC, Inc.		Project : (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: JULIO LEAL	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	08-12-18	08:45	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
	"	"	1	BOD	Grab	AQ	1L P	4°C	
	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

~~Geotracker EDD:~~
Logcode: IPCI
Global ID: WDR100000359

Signature	Print Name (Company)	Date	Time
Relinquished by	JULIO LEAL	8-12-18	1132
Received by	Jordan Corkery	8/12/18	1132
Relinquished by			
Received by			
Relinquished by			
Received in lab by			

Sample Received Checklist 9

Temperature upon receipt: _____

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	**HC** - HCl
Comp	**HS** - H_2SO_4
Matrix	**HN** - HNO_3
AQ - Water	**HP** - H_3PO_4
SO -Soil / Sludge	**OH** - NaOH
OT - Other	**ST** - Sodium Thiosulfate
Bottle Type	**AA** - Ascorbic Acid
P - Plastic	**Al** - $AlCl_3$
G - Amber Glass	**Cu** -$CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and for all its rights, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of sampling services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care and ways of protecting its own confidential data and shall not be responsible for unauthorized disclosure of data here which such data was received from PCL reports are informative, provided they are for the exclusive use and benefit of client and client agrees they shall not be third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other intellectual.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses (including, but not limited to attorneys' fees (plus Litigation Expenses) and diversity arising in favor of Client or any third party, as a result of, and/or in any way or, arising incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or it's participation, handling or disposal of client's hazardous materials, 1. injury, disease or death of persons 2. loss of, damage to, loss of, or loss of use of property, and or 3. financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence or on breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and for pre or post-judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any Hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any lab bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or upon receipt of completed is required for all new clients or until a history of payment and credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by at all by applicable law, any amount unpaid at the end of the (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection (pre judgment efforts).

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only if in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any securities, the securing, arrangement, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been outlined on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 23-Aug-18 14:22
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18H0298-01) Collected: 13-Aug-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AH81429	2	19-Aug-18 (VL)	<2 mg/l	
pH	SM4500-H-B	AH82032	0.1	13-Aug-18 (SS)	7.2 pH Units	
Residual Chlorine	SM 4500 Cl-G	AH81430	0.05	14-Aug-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AH81337	1.8	15-Aug-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AH81337	1.8	15-Aug-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 8/23/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1810298

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Juan Aguilar	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field (Lab)
EFF	8/13/18	1130	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.19 16.4°C
	"	"	1	BOD	Grab	AQ	1L P	4°C	
	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
~~Geotracker EDD:~~ Logcode: IPCI Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	Juan Aguilar IPC	8/13/18	
Received by	Cindy (PCL)	8/13/18	12:50
Relinquished by	Cindy	8/13/18	14:25
Received by			
Relinquished by			
Received in lab by		8/13/18	1428

Sample Received Checklist

Temperature upon receipt: 4C

# of bottles agrees with COC? (Yes) No

Samples intact? (Yes) No

Samples properly preserved? (Yes) No

Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	**HC** - HCl
Comp	**HS** - H_2SO_4
Matrix	**HN** - HNO_3
AQ - Water	**HP** - H_3PO_4
SO -Soil / Sludge	**OH** - NaOH
OT - Other	**ST** - Sodium Thiosulfate
Bottle Type	**AA** - Ascorbic Acid
P - Plastic	**Al** - $AlCl_3$
G - Amber Glass	**Cu** -$CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments thereto which are agreed to in writing. "Client" means the individual or entity who has requested laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or released from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (or deliverables) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may place orders for submitting a written request of services (SOR) to PCL. Any such order constitutes an acceptance by the client of PCL's offer to do business with the client under the terms and conditions of T. In agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or utilization of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), EA Watershed (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this Agreement due to causes beyond its control.

9. Confidentiality

Data and the samples materials provided by client or at client's request and the results obtained by PCL shall be held in confidence unless such data or information is generally available to the public or in the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement subject to any statement required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized interception of test data where such material was provided. PCL reports and information provided is intended solely for the exclusive use and benefit of client and such reports, data or information. Client will not disclose any such reports, data or information to any third party beneficiary of such reports, data or information without prior written consent of PCL. Client will not disclose any PCL test data, information, training techniques, approaches, procedures or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses, damages, claims, demands, causes of action, suits and consequent expenses including, but not limited to, court fees, (the "Liabilities") incurred by such persons arising in favor of Client or any third party as a result of, and/or in any way relating to, or which is caused by, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. In equity, give rise or decision of paragraph 2, sum of damage by knife or item of use of property to the P. Executive Hall of every kind of character. This indemnity shall apply to any of the foregoing losses, costs, liabilities or expenses caused solely by the active negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence or breach of duty of any and all independent persons, whether acting or engaged in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, client agrees that its indemnification obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special or consequential damages of any kind, including, without limitation, loss of profits (including anticipated litigation expenses) or other loss (including, without limitation, attorney's fees, court costs, and pre or post-judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or on services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by a client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (except to the extent existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at Client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all biological analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of hire/delivery or the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time with or without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and credit worthiness has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by law, all accounts not paid when due shall be subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1½) per month, or the highest balances of unpaid amounts are forwarded to collection attorneys. In the event of any dispute over any amount billed to client, client shall pay the undisputed amount when due and provide written notice to PCL within ten (10) days of receipt of invoice of the basis for disputing the balance of the invoice. Payment of undisputed amounts shall not be withheld pending resolution of any disputed amounts. Client shall pay all costs of collection, including reasonable attorneys' fees and court costs, incurred by PCL in connection with the collection of any unpaid amounts.

13. Agreement Modification

Changes, modifications or amendments to the terms of this agreement shall be effective only in writing and executed by an officer of PCL and by client's authorized representative. Except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client in securing services from PCL for third party account, shall act as agent or broker, or in any other representative capacity for another person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not represented on behalf of, used to reflect upon, in connection with or as part of, the purchase, sale, underwriting, or evaluation of any securities, any person, or other security or the holders of any security, the servicing, amortization, renewal, or extension of any loan from any financial institution or other lender or the participation in or connection with any of the foregoing transactions, or any other similar or dissimilar transaction.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are received on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to you upon request. All analyses with holding times of 14 days or less, samples must arrive within 96 hours or allow PCL to meet holding times without applying a rush surcharge. All short holding times (< 7 days), samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (Microbiology Rush) must be delivered the same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed as additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

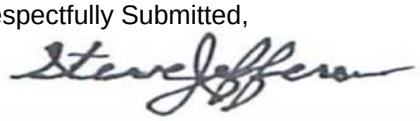
Attention: Ric Vardel
Report Date: 23-Aug-18 14:25
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18H0328-01) Collected: 14-Aug-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AH81429	2	19-Aug-18 (VL)	2 mg/l	
pH	SM4500-H-B	AH82032	0.1	14-Aug-18 (SS)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AH81430	0.05	14-Aug-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AH81426	1.8	16-Aug-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AH81426	1.8	16-Aug-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 8/23/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1841328

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	08/14/18	1230	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

~~Geotracker EDD:~~
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (SRC)	08/14/18	
Received by	EG	Evan PCL	8.14.18	1300
Relinquished by				
Received by				
Relinquished by				
Received in lab by		PCL	8/14/18	16:00

Sample Received Checklist

Temperature upon receipt: 4
# of bottles agrees with COC? ~~Yes~~ No
Samples intact? ~~Yes~~ No
Samples properly preserved? ~~Yes~~ No
Samples in holding time? ~~Yes~~ No

Compliance Monitor

Initial Flow _____
Final Flow _____

Sample Type	Preservations
Grab / Comp	HC - HCl
Matrix	HS - H_2SO_4
AQ - Water	HN - HNO_3
SO - Soil / Sludge	HP - H_3PO_4
OT - Other	OH - NaOH
Bottle Type	ST - Sodium Thiosulfate
P - Plastic	AA - Ascorbic Acid
G - Amber Glass	Al - $AlCl_3$
VOA - 40 ml Vial	Cu - $CuSO_4$
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for the unintended disclosure of such data where such standard was observed. PCL reports and information provided hereunder are for the exclusive use and benefit of Client and Client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software, protocols or other information.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses, including, but not limited to, attorneys' fees (the obligation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, disease or death of persons 2. loss of, damage to, use of, or loss of use of property and/or 3. financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages or expenses caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have in PCL and the other indemnified persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive special, incidental or consequential damages (including without limitation, loss of profit or business interruption Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and the pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified at such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's published price schedule in effect at the time of execution of this agreement or, if the services were rendered or work performed before confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when otherwise requested is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET 30 (or within thirty (30) days from date of invoice). To the fullest extent permitted by law and applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the rate of one (1%) per month (or the highest amount permitted by law or one and one half percent (1.5%) per month on the unpaid balance). If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees to recover from any client's failure to pay promptly or other proceedings or efforts.

13. Agreement Modification

No agreements or amendments to the Terms shall be effective or binding and executed by an officer of PCL and by client authorizing the expenditure, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is acquiring services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not prepared or shall be used to rely upon in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any securities, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 2pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less (samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times (< 7 days), samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (excluding 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late deliveries, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

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All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

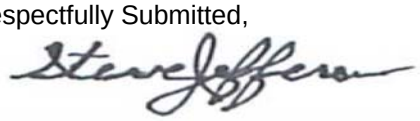
Attention: Ric Vardel
Report Date: 23-Aug-18 14:27
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18H0373-01) Collected: 15-Aug-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AH81607	2	21-Aug-18 (EA)	11 mg/l	
pH	SM4500-H-B	AH81830	0.1	15-Aug-18 (JC)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AH81612	0.05	16-Aug-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AH81542	1.8	17-Aug-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AH81542	1.8	17-Aug-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 8/23/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1840373

Customer: IPC, Inc.		Project: **(MCC) Daily EFF**	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	08/15/18	1020	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.4/26.6°C
"	"	"	1	BOD	Grab	AQ	1L P	4°C	
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

~~Geotracker EDD:~~
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	08/15/18	1404
Received by		MARIO SANTIESTEBAN (PCL)	8/15/18	1404
Relinquished by		MARIO SANTIESTEBAN (PCL)	8/15/18	1600
Received by				
Relinquished by				
Received in lab by		PL	8-15-18	1600

Sample Received Checklist

Temperature upon receipt: 2/

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type: Grab, Comp

Matrix: AQ - Water; SO - Soil / Sludge; OT - Other

Bottle Type: P - Plastic; G - Amber Glass; VOA - 40 ml Vial; Coli - bacteria

Preservations: HC - HCl; HS - H_2SO_4; HN - HNO_3; HP - H_3PO_4; OH - NaOH; ST - Sodium Thiosulfate; AA - Ascorbic Acid; Al - $AlCl_3$; Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under its following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.
The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions.
The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.
For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public, or is the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and observations provided thereto are for the exclusive use and benefit of client and client agrees that it shall not be third party beneficiary of our reports, data or information. Client will not distribute to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses, including, but not limited to, all court fees (the "Litigation Expenses") and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials: 1. injury, disease or death of persons 2. loss of, damage to, loss of, or loss of use of property and/or 3. financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and every, for arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have in PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the minimum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption, Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client or the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and PCL credit worthiness has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by or as allowed by applicable law, any amount unpaid at the end of the thirty days of issue (or interest) or the date of the invoice (whichever is earlier) shall bear interest at the rate of one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees and agents' fees associated with such collection proceedings or efforts.

13. Agreement Modification

Changes, modifications or amendments to the Terms shall be effective only if in writing and executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client is securing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall not be used to rely upon, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any portfolio or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times (2-7 days), samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (typically 24 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays of similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage term.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 23-Aug-18 14:33
Subject: (MCC) Weekly EFF

Project/P.O.#: (MCC) Weekly EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18H0374-01) Collected: 15-Aug-18 By IPC						
Ammonia as N	EPA 350.1	AH81707	0.10	17-Aug-18 (SGS)	0.10 mg/l	
Nitrate as N	EPA 353.2	AH81609	0.02	16-Aug-18 (LA)	1.46 mg/l	
Nitrite as N	EPA 353.2	AH81609	0.02	16-Aug-18 (LA)	0.07 mg/l	
Total Kjeldahl Nitrogen	EPA 351.2	AH82031	0.10	21-Aug-18 (LA)	0.77 mg/l	
Total Suspended Solids	SM 2540D	AH81614	1	17-Aug-18 (EA)	<1 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 8/23/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1840374

Customer: IPC, Inc.		Project : (MCC) Weekly EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	08/15/18	1020	1	TSS	Grab	AQ	1L P	4°C	
			1	NH4, TKN	Grab	AQ	500 P	HS	
			1	NO2, NO3	Grab	AQ	500 P	4°C	

~~Geotracker EDD:~~
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (PCL)	08/15/18	1401
Received by		MARIO SANTIESTEBAN (PCL)	8/15/18	1401
Relinquished by		MARIO SANTIESTEBAN (PCL)	8/15/18	1608
Received by				
Relinquished by				
Received in lab by		VL	8-15-18	16:00

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The client may order services by submitting a written Chain of Custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is for public release or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it employs in protecting its own confidential data and shall not be responsible for any accidental disclosure of such data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of Client and Client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other intellectual

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and any / all costs and expenses, including, but not limited to, court fees, third party litigation Expenses and awards, arising in favor of Client or any third party as a result of, and/or in any way in connection with / arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials 1. injury, disease or death of persons 2. loss of, damage to, loss of, or loss of use of property and/or 3. financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, suits, damages or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims and causes of action of every kind and character arising out of or in connection with the negligence of or breach of contract by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other Indemnified Persons. To the extent necessary under applicable law, Client agrees that its indemnity obligations will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and for pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price sheet in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when invoice is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount unpaid as the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or specific fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely upon data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, or marketing, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 7 7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

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PAT-CHEM LABORATORIES
QUALITY ANALYTICAL SERVICES SINCE 1987
1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

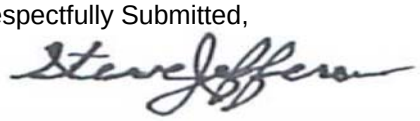
Attention: Ric Vardel
Report Date: 23-Aug-18 14:42
Subject: (MCC) Weekly INF

Project/P.O.#: (MCC) Weekly INF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
INF (Sample I.D.# : 18H0378-01) Collected: 15-Aug-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AH81607	2	21-Aug-18 (EA)	474 mg/l	
Total Suspended Solids	SM 2540D	AH81614	1	17-Aug-18 (EA)	202 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 8/23/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1810378

Customer: IPC, Inc.		Project : (MCC) Weekly INF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
INF	08/15/18	1040	1	TSS	Grab	AQ	1L P	4°C	
"	"	"	1	BOD	Grab	AQ	1L P	4°C	
~~Geotracker EDD:~~									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez	08/15/18	1352
Received by		MARIO SANTIESTEBAN (PCL)	8/15/18	1352
Relinquished by		MARIO SANTIESTEBAN (PCL)	8/15/18	1600
Received by				
Relinquished by				
Received in lab by		PCL	8-15-18	1600

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab Comp	HC - HCl HS - H_2SO_4 HN - HNO_3 HP - H_3PO_4 OH - NaOH ST - Sodium Thiosulfate AA - Ascorbic Acid Al - $AlCl_3$ Cu - $CuSO_4$
Matrix AQ - Water SO - Soil / Sludge OT - Other	
Bottle Type P - Plastic G - Amber Glass VOA - 40 ml Vial Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

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6. Cancellation

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9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized use or disclosure where such standard was observed. PCL reports and information provided hereunder are for the exclusive use and benefit of client and PCL (a) agrees there shall be no third party beneficiary of our reports, data or information. Client will not disclose to any third party any information concerning technical information, software processes or other formulation.

10. Hold Harmless

Client releases, and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all actions, losses or damages, claims, demands, causes of action, costs and associated expenses including, but not limited to all court fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, illness or death of persons 2. loss of, damage to, use of, or loss of use of property and or 3. financial loss of every kind or nature. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, Client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post-judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Substances"). Client understands and agrees that any Hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee per sample submitted, in accordance with our QA/QC policies and procedures.

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Changes, modifications or amendments to the terms shall be effective only if in writing and executed by an officer of PCL and the client authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client if securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity, it is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to resell upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2/7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (bacteriological 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 23-Aug-18 14:30
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18H0402-01) Collected: 16-Aug-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AH81715	2	22-Aug-18 (EA)	2 mg/l	
pH	SM4500-H-B	AH81830	0.1	16-Aug-18 (JC)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AH81710	0.05	17-Aug-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AH81608	1.8	18-Aug-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AH81608	1.8	18-Aug-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 8/23/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1814402

Customer: IPC, Inc.		Project : (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	08/16/18	1130	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
"	"	"	1	BOD	Grab	AQ	1L P	4°C	
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

~~Geotracker EDD:~~
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	08/16/18	
Received by		Eugene (IPC)	8-16-18	1230
Relinquished by		Carlos (IPC)	8.16.18	1400
Received by				
Relinquished by				
Received in lab by			8/16/18	1400

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu -$CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement on to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions enumerated in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "Services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (LEAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample material provided hereunder or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or in the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) except to the extent disclosure is required by [illegible] process. PCL shall use the same standard of care it uses in protecting its own confidential information but shall not be responsible for unauthorized disclosure of sample data or results obtained hereunder. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees that shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software problems or other limitations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, successors and parent harmless from and against any and all liabilities, losses, damages, claims, demands, causes of action, costs and associated expenses, including, but not limited to all court fees, litigation expenses and reasonable attorney's fees arising in favor of Client or any third party as a result of, and/or in any way relating, incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling, or disposal of client's hazardous materials. 1. Injury, disease or death of persons 2. Loss of, damage to, loss of, or loss of use of property; and/or 3. Financial loss of every kind or character. This indemnity does not apply to any of the foregoing to the extent, costs, damages or liabilities caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity is not specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption) Litigation Expenses or other fees including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party to any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or upon a history of payments and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by all and by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the Terms shall be effective only if in writing and executed by an officer of PCL and by client or authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability to client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for her own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal or extension of any loan from any financial institution or other lender or the certification to or compliance with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (pH tests is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

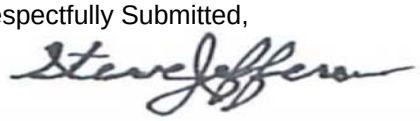
Attention: Ric Vardel
Report Date: 05-Sep-18 13:24
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18H0438-01) Collected: 17-Aug-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AH81917	2	24-Aug-18 (SGS)	4 mg/l	
pH	SM4500-H-B	AH81830	0.1	17-Aug-18 (JC)	7.7 pH Units	
Residual Chlorine	SM 4500 Cl-G	AH81829	0.05	18-Aug-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AH81708	1.8	19-Aug-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AH81708	1.8	19-Aug-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 9/5/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18-10438

Customer: IPC, Inc.		Project : (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Golan Kfir	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	8/17/18	12:25	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
		"	1	BOD	Grab	AQ	1L P	4°C	
		"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
~~Geotracker EDD:~~ Logcode: IPCI Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	Golan (IPC)	8/17/18	
Received by	Golan (PCL)	8/17/18	1220
Relinquished by	(PCL)	8/17/18	1430
Received by			
Relinquished by			
Received in lab by	PCL	8.17.18	

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? (Yes) No

Samples intact? (Yes) No

Samples properly preserved? (Yes) No

Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
(Grab) Comp	HC - HCl
Matrix	HS - H_2SO_4
AQ - Water	HN - HNO_3
SO -Soil / Sludge	HP - H_3PO_4
OT - Other	OH - NaOH
Bottle Type	**ST** - Sodium Thiosulfate
(P) - Plastic	**AA** - Ascorbic Acid
G - Amber Glass	**AI** - $AlCl_3$
VOA - 40 ml Vial	**Cu** -$CuSO_4$
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

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10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses, damages, claims, demands, causes of action, costs and expenses (including, but not limited to, attorneys' fees (the Litigation Expenses) and expert witness fees) of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this Agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, disease or death of persons 2. Loss of, damage to, loss of, or loss of use of property, and/or 3. financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the Client might otherwise have in PCL and the other Indemnified Persons. To the extent necessary under applicable law, Client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive special, incidental or consequential damages including, without limitation, loss of profit or business interruption. Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post-judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

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PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for his/her/its/their account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used or relied upon, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. As analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 7-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 8 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

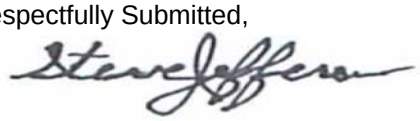
Attention: Ric Vardel
Report Date: 05-Sep-18 13:27
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18H0447-01) Collected: 18-Aug-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AH81917	2	24-Aug-18 (SGS)	3 mg/l	
pH	SM4500-H-B	AH82032	0.1	18-Aug-18 (SS)	7.2 pH Units	
Residual Chlorine	SM 4500 Cl-G	AH82033	0.05	20-Aug-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AH81831	1.8	20-Aug-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AH81831	1.8	20-Aug-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 9/5/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18H0447

Customer: IPC, Inc.		Project: **(MCC) Daily EFF**	
Address: 9297 Research Drive		Sampled by: Golan Kfir	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	8/18/18	12:05	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
	"	"	1	BOD	Grab	AQ	1L P	4°C	
	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
~~Geotracker EDD:~~ Logcode: IPCI Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by: OK	Golan IPC	8/18/18	1208
Received by:			
Relinquished by: Jose L Gomez	Jose L Gomez	8/18/18	1208
Received by:			
Relinquished by:			
Received in lab by:			

Sample Received Checklist

Temperature upon receipt: _____

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule or such document in any be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written copy of transmitted (COC) to PCL. Any such order constitutes Client acceptance to the client of PCL's offer to do business with the client under the terms and conditions and is an agreement to be bound to, have terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions proposed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S Environmental Protection Agency (EPA), CA Waterboard (CLAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or representatives to the client arising out of or in connection with the services to be provided hereon, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and effectively.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such confidentiality generally available to the public or in the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not permit under its control such disclosure of such Data without such consent as provided PCL reports and information provided hereunder are for the exclusive use and benefit of client and client agrees that it shall be no third party beneficiaries of such reports, data or information. Client shall not disclose any such reports to any unauthorized person without the prior written consent of PCL.

10. Hold Harmless

Client indemnifies and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses, damages, claims, demands, causes of action, suits and costs and expenses (including, but not limited to, attorney fees and litigation expenses) and awards arising in favor of Client or any third party, as a result of, and/or in any way occurring in, related to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transporting, handling or disposal of client's hazardous materials, E injury, illness or death of persons 2. loss of, damage to, loss of, or loss of use of property, and/or 3. financial loss of every kind or character. This indemnity shall apply to any of the foregoing losses, costs, damages or liabilities caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to liabilities, claims, damages, actions of every kind and character arising out of or in connection with the negligence or to breach of contract by any indemnified person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, consequential or exemplary damages (including, without limitation, loss of profit or business interruption). Litigation expenses incurred here (including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or services provided under this agreement, shall if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any Hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any oil, bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of execution, or the date the services were rendered or with terms agreed and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment is due as to when any goods completed is required for all the services of Client's invoices of payment and/or client account has been established with PCL for those clients with an established credit account, the terms for payment of charges are NET EACH within thirty (30) days from date of invoices. To the fullest extent permitted by or all by applicable law, any all could unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1 ½) per month on the unpaid balances. If unpaid amounts are referred to an agent, collection or by an attorney, the client shall pay reasonable costs and expenses, including reasonable fees, associated with such action, fees, procedures or efforts.

13. Agreement Modification

Changes, modifications or amendments to the Terms shall be effective only if in writing and executed by an officer of PCL and by a person authorized to sign on behalf of client. Subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client in providing services hereunder for business purposes, and not as agent or broker, or in any other representative capacity for any other person or entity, does agree and acknowledge that there are no third party beneficiaries of this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any securities, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 2pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times (< 7 days), samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (microbiology, 24 hours) must be delivered (M) same day in order to guarantee holding times are met. After hours, late deliveries, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional storage. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been included on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

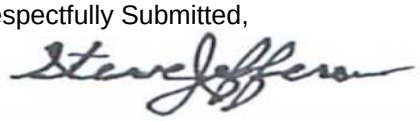
Attention: Ric Vardel
Report Date: 05-Sep-18 13:29
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18H0451-01) Collected: 19-Aug-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AH82129	2	26-Aug-18 (VL)	<2 mg/l	
pH	SM4500-H-B	AH82032	0.1	19-Aug-18 (SS)	7.1 pH Units	
Residual Chlorine	SM 4500 Cl-G	AH82033	0.05	20-Aug-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AH81918	1.8	21-Aug-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AH81918	1.8	21-Aug-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 9/5/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18H0451

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: JUCID LEAL	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	08.19.18		1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

~~Geotracker EDD:~~
Logcode: IPCI
Global ID: WDR100000359

Signature	Print Name (Company)	Date	Time
Relinquished by	JUCID LEAL	8.9.18	1200
Received by	Jordan Corkery	8/9/18	1200
Relinquished by			
Received by			
Relinquished by			
Received in lab by			

Sample Received Checklist

Temperature upon receipt: _____

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which have agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his, its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing its services.

3. Orders and Acceptance

PCL offers and will accept orders for services as detailed herein only under the following General Terms and Conditions (the "Terms"). Some Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.
The client may order services by submitting a written Letter of Intends (LOC) to PCL. Any such order, subsequently is an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.
The Client's delivery of samples to PCL or requested consulting services constitutes the Client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.
For purpose of this agreement, "services" shall mean all work to be performed for the Client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S Environmental Protection Agency (EPA), CA Waterboard (STAP), American society for Testing and Materials (ASTM) Association of Official Analytical Chemists (AOAC) Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or to the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data when such standard was observed. PCL reports are confidential and provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party transfer, sale or use of reports, data or information. Client will not disclose to any third party any proprietary or technical information without the prior written consent of PCL.

10. Hold Harmless

Client, company and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and costs, (and expenses including, but not limited to, all court fees and litigation expenses) and awards arising in favor of them or any third party as a result of, and/or in any way occurring, incident to arising out of or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous samples. I injury, disease or death of persons or loss of, damage to, or destruction of property and/or 3. Environmental of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages or liabilities caused solely by the gross negligence or willful misconduct of PCL or its employees. Further this indemnity shall be totally apply to actual claims damages, actions of every kind and character arising out of or in connection with the negligence of or result of conduct by any indemnified Person, whether actual or alleged. In the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the Client might otherwise have to PCL and the indemnified Persons. To the extent necessary or under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverages as determined by client, which coverage shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) Litigation Expenses or other loss (including, without limitation, attorney's fees, court costs, and/or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples or materials for analysis such as asbestos, polychlorinated biphenyls, Bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any lab, bacterial analysis, Client will be charged a sample disposal fee per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when otherwise requested is required for all new clients or upon a breach of payment and/or credit account has been established with PCL. For clients with an established credit account, the terms for payment of Charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by law, a) by applicable law, any amount unpaid at the end of thirty (30) days in arrears of interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay all reasonable costs and attorney's fees or expenses incurred with such collection proceedings or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only if in writing and executed by an officer of PCL and by client authorized representative, except for subsequent orders for additional services may be made as set forth.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client is solely responsible for its own acts and not as agent or employee of any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that the data, information and reports are not requested or shall be used to relied upon in connection with or by part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any securities, the securing, amendment, removal, or extension of any loan from any financial institution or other source or the syndication of or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times (3-7 days), samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (turnaround 6 hours) must be delivered (not same day or prior to) guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional surcharges and/or the inability to meet holding times. All holding times are in effect as of the date of the date of the fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

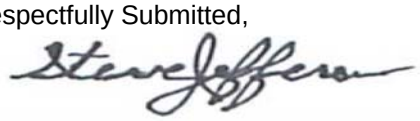
Attention: Ric Vardel
Report Date: 05-Sep-18 13:31
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18H0476-01) Collected: 20-Aug-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AH82129	2	26-Aug-18 (VL)	<2 mg/l	
pH	SM4500-H-B	AH82413	0.1	20-Aug-18 (SS)	7.3 pH Units	
Residual Chlorine	SM 4500 Cl-G	AH82132	0.05	21-Aug-18 (PL)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AH82037	1.8	22-Aug-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AH82037	1.8	22-Aug-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 9/5/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1810426

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	08/20/18	1055	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.3/22.7°C
			1	BOD	Grab	AQ	1L P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	08/20/18	1440
Received by		MARIO SANTIESTEBAN (PCL)	8/20/18	1440
Relinquished by		MARIO SANTIESTEBAN (PCL)	8/20/18	1644
Received by				
Relinquished by				
Received in lab by		PCL	8-20-18	1645

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab Comp	HC - HCl HS - H_2SO_4
Matrix AQ - Water SO - Soil / Sludge OT - Other	HN - HNO_3 HP - H_3PO_4 OH - NaOH ST - Sodium Thiosulfate
Bottle Type P - Plastic G - Amber Glass VOA - 40 ml Vial Coli - bacteria	AA - Ascorbic Acid Al - $AlCl_3$ Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unwilful/accidental disclosure of said data where such standard was observed. All PCL reports and information provided shall be for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of PCL reports, data or information. Client will not post link to any third party information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses, including, but not limited to court fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or to any person arising incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, illness or death of persons 2. Loss of, damage to, loss of, or loss of use of property and 3. Personal injury of every kind of that kind. This indemnity does not apply to any of the foregoing losses, costs, damages, or liabilities client solely to the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnifying person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the minimum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption. Litigation Expenses or other fees including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest, or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or on services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes or substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof) (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect for the area of operations in the state the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or where credit is completed is required for all new clients or upon a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are full cash within thirty (30) days from date of invoices. To the fullest extent permitted or at all by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are referred to legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or assess fees associated with such collection proceedings or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only when executed by an officer of PCL and by client, either in writing, orally or by subsequent orders for additional services made verbally or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or on any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants and agrees that said data, information and reports are not requested, or shall be used to hold value, in connection with or as part of any particular sale, understanding, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 24 daylight hrs, samples must arrive within 36 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (analysis to 48 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been related on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

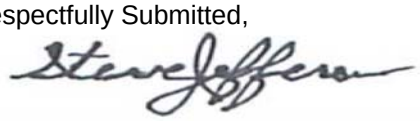
Attention: Ric Vardel
Report Date: 05-Sep-18 13:34
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18H0505-01) Collected: 21-Aug-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AH82228	2	27-Aug-18 (SGS)	8 mg/l	
pH	SM4500-H-B	AH82413	0.1	21-Aug-18 (SS)	7.2 pH Units	
Residual Chlorine	SM 4500 Cl-G	AH82233	0.05	22-Aug-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AH82133	1.8	23-Aug-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AH82133	1.8	23-Aug-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 9/5/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 180505

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: JULIO LEAL	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	08-21-18	10:15	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
	/	/	1	BOD	Grab	AQ	1L P	4°C	
	/	/	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

~~Geotracker EDD:~~
Logcode: IPCI
Global ID: WDR100000359

Signature	Print Name (Company)	Date	Time
Relinquished by	JULIO LEAL	08-21-18	
Received by	Evans PCL	8-21-18	1230
Relinquished by	Evans	PCL 8-24-18	1500
Received by			
Relinquished by			
Received in lab by	PCL	8-24-18	1500

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and their employees, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following Terms of Sales and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC) Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence unless such information is generally available to the public or is the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement subject to any disclosure required by law or legal process. PCL shall use the same standard of care it employs for its own confidential data and shall not be responsible for unauthorized disclosure of such data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of Client and client agrees there shall be no third party beneficiary of our reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other methodologies.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parents harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees (the litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of any hazardous materials, 1. injury, grievance or death of persons 2. loss of, damage to, lost of, or loss of use of property; and/or 3. financial injury of every kind or character. This indemnity shall not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, Client agrees that its indemnity obligations will be supported by available liability insurance coverage to be furnished by Client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any soil bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analyses completed is required for all new clients or with a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by law or applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agency fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by duly authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client is retaining services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any securities, the issuing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 2pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times 2-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

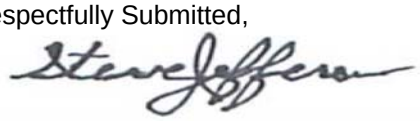
Attention: Ric Vardel
Report Date: 05-Sep-18 13:36
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18H0530-01) Collected: 22-Aug-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AH82313	2	28-Aug-18 (EA)	2 mg/l	
pH	SM4500-H-B	AH82413	0.1	22-Aug-18 (SS)	7.2 pH Units	
Residual Chlorine	SM 4500 Cl-G	AH82237	0.05	22-Aug-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AH82229	1.8	24-Aug-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AH82229	1.8	24-Aug-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 9/5/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18/20530

Customer: IPC, Inc.		Project : (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Golan Kfir	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserv.	Field Data (pH / Temperature) pH: Field Lab
EFF	8/22/18	12:15	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
	"	"	1	BOD	Grab	AQ	1L P	4°C	
	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

Signature	Print Name	(Company)	Date	Time
Relinquished by	Golan	IPC	8/22/18	
Received by			8.22.18	1230
Relinquished by			8.22.18	1420
Received by				
Relinquished by				
Received in lab by			8/22/18	1420

Sample Received Checklist 4°C

Temperature upon receipt:	
# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	**HC** - HCl
Comp	**HS** - H_2SO_4
Matrix	**HN** - HNO_3
AQ - Water	**HP** - H_3PO_4
SO -Soil / Sludge	**OH** - NaOH
OT - Other	**ST** - Sodium Thiosulfate
Bottle Type	**AA** - Ascorbic Acid
P - Plastic	**Al** - $AlCl_3$
G - Amber Glass	**Cu** -$CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additional or amendments hereto to which we agree from time to time. "Client" means the individual or entity who is to receive laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under this following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions.

The client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No conditions or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), 64 Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater, and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample material submitted by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is in the public domain or client is not required to pay PCL for all services rendered to it hereunder in breach of the agreement), subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, written programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way relating incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. Injury, disease or death of persons 2. Loss of, damage to, loss of, or loss of use of property and/or 3. Financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other Indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption. Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and/or pre or post-judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or as a prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by or as by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only if in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities. Any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

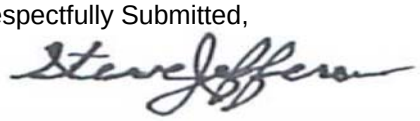
Attention: Ric Vardel
Report Date: 05-Sep-18 13:38
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18H0567-01) Collected: 23-Aug-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AH82410	2	29-Aug-18 (SGS)	3 mg/l	
pH	SM4500-H-B	AH82413	0.1	23-Aug-18 (SS)	6.8 pH Units	
Residual Chlorine	SM 4500 Cl-G	AH82318	0.05	23-Aug-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AH82310	1.8	25-Aug-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AH82310	1.8	25-Aug-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 9/5/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1840567

Customer: IPC, Inc.		**Project :** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** Golan Kfir	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	8/23/18	12:40	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
	"	"	1	BOD	Grab	AQ	1L P	4°C	
	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by: GK	Golan IPC	8/23/18	
Received by: EC	Grant IPC	8.23.18	1330
Relinquished by: EC	Grant IPC	8-23-18	1430
Received by:			
Relinquished by:			
Received in lab by:		8/23/18	1430

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	**HC** - HCl
Comp	**HS** - H_2SO_4
Matrix	**HN** - HNO_3
AQ - Water	**HP** - H_3PO_4
SO -Soil / Sludge	**OH** - NaOH
OT - Other	**ST** - Sodium Thiosulfate
Bottle Type	**AA** - Ascorbic Acid
P - Plastic	**Al** - $AlCl_3$
G - Amber Glass	**Cu** -$CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

2. Independent Contractor

3. Orders and Acceptance

4. Limit of Liability

5. Clients Responsibility

6. Cancellation

7. Overriding Agreement

8. Force Majeure

9. Confidentiality

10. Hold Harmless

11. Hazardous Substances

12. Prices/Payments

13. Agreement Modification

14. No Third Party Beneficiaries. No Right of Reliance

15. Rush Analysis

16. Holding Times

17. Sample Retention

18. Sample Pick Up/Field Tech Sampling

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 05-Sep-18 13:21
Subject: (MCC) Weekly EFF

Project/P.O.#: (MCC) Weekly EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18H0566-01) Collected: 23-Aug-18 By IPC						
Ammonia as N	EPA 350.1	AH82409	0.10	24-Aug-18 (SGS)	0.36 mg/l	
Nitrate as N	EPA 353.2	AH82416	0.20	24-Aug-18 (LA)	1.57 mg/l	
Nitrite as N	EPA 353.2	AH82416	0.20	24-Aug-18 (LA)	<0.20 mg/l	
Total Kjeldahl Nitrogen	EPA 351.2	AH82832	0.10	29-Aug-18 (LA)	0.79 mg/l	
Total Suspended Solids	SM 2540D	AH82408	1	24-Aug-18 (EA)	<1 mg/l	

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 9/5/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1840566

Customer: IPC, Inc.		Project : **(MCC) Weekly EFF**	
Address: 9297 Research Drive		Sampled by: Golan Kfir	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	8/23/18	12:40	1	TSS	Grab	AQ	1L P	4°C	
	"	"	1	NH4, TKN	Grab	AQ	500 P	HS	
	"	"	1	NO2, NO3	Grab	AQ	500 P	4°C	
Geotracker EDD: Logcode: IPCI Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by: GK	Golan IPC	8/23/18	
Received by: EB	Eric B	8-23-18	1330
Relinquished by: EB	Eric B	8-23-18	1439
Received by:			
Relinquished by:			
Received in lab by:		8/23/18	1950

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC?	Yes	No
Samples intact?	Yes	No
Samples properly preserved?	Yes	No
Samples in holding time?	Yes	No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	**HC** - HCl
Comp	**HS** - H_2SO_4
Matrix	**HN** - HNO_3
AQ - Water	**HP** - H_3PO_4
SO -Soil / Sludge	**OH** - NaOH
OT - Other	**ST** - Sodium Thiosulfate
Bottle Type	**AA** - Ascorbic Acid
P - Plastic	**Al** - $AlCl_3$
G - Amber Glass	**Cu** -$CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of Sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only on the following Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and executed by an authorized representative of the client and PCL.

The Client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and/or an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "Services" shall mean all work to be performed for the Client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S Environmental Protection Agency (EPA), Co-Operative (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public, or to the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such data where such standard was followed. PCL reports and other work product provided hereunder are for the exclusive use and benefit of client and client agrees that it shall be the third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning the methodology, software or programs of other clients.

10. Hold Harmless

Client necessary will shall save, indemnify, defend and hold PCL its employees, officers, directors, agents, affiliates, subsidiaries and parent companies and agents and any and all liabilities, losses or damages (including reasonable costs of actions, suits and reasonable expenses, including attorneys fees) the litigation Expenses) and awards arising in favor of clients or any third party as a result of, and/or in any way according incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement, and/or in connection, handling, or disposal of client's hazardous materials, injury, disease or death of persons, loss of damage to, loss of, or use of property and/or, if the client is or many acts of omission. This indemnity does not apply to any of the foregoing liabilities, costs, damages or expenses caused solely by the acts, negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims and awards, actions of every kind and character, arising out of in connection with the negligence or act or fault of contract by any indemnified Person, whether active or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption. Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any lab bacterial analysis, client will be charged a sample disposal fee per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of application on the date the services were rendered or with prices quoted and client's settlement in writing. The price schedule is subject to change at any time without notice. Payment in advance or when services is completed is required for all new clients or until a history of payment and/or credit approval has been established with PCL. For invoiced clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid accounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or attorney fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the Terms shall be effective only if in writing and executed by an officer of PCL and by the client. Furthermore, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability to client's use of or reliance on data, information, or reports furnished by PCL. Client, in securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity, it is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third parties may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, to shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any prefatic or other reporting to the holders of any securities, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are expired because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES
QUALITY ANALYTICAL SERVICES SINCE 1987
1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

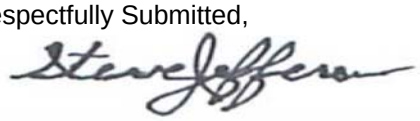
Attention: Ric Vardel
Report Date: 05-Sep-18 13:18
Subject: (MCC) Weekly INF

Project/P.O.#: (MCC) Weekly INF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
INF (Sample I.D.# : 18H0568-01) Collected: 23-Aug-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AH82410	2	29-Aug-18 (SGS)	795 mg/l	
Total Suspended Solids	SM 2540D	AH82408	1	24-Aug-18 (EA)	251 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 9/5/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1810568

Customer: IPC, Inc.		Project : **(MCC) Weekly INF**	
Address: 9297 Research Drive		Sampled by: Golan Kfir	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: **Field** **Lab**
INF	8/23/18	12:00	1	TSS	Grab	AQ	1L P	4°C	
	"	"	1	BOD	Grab	AQ	1L P	4°C	
~~Geotracker EDD:~~ Logcode: IPCI Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by: GK	Golan IPC	8/23/18	
Received by: EG	Eric	8.23.18	1330
Relinquished by: EG	Eric	8.23.18	1450
Received by:			
Relinquished by:			
Received in lab by:		8/23/18	1432

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC? Yes No

Samples intact? ~~Yes~~ No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu -$CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of Sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who makes request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or delivered from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services as defined herein only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes (1) an acceptance by the client of PCL's offer to do business with the client under the terms and condition and (2) an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. Any contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials generated by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such data where such standard was observed. PCL reports and data which are provided hereunder are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of our reports, data or information. Client will not disclose to any third party any information concerning technical information, software or reports or other proprietary.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and the costs of defense including, but not limited to attorneys fees (including short expenses) and expert witness costs, of or by Client or any third party, as a result of, and/or in any way including incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. injury, disease or death of persons 2. Loss of damage to, use of, or loss of use of property and/or 3. Financial loss of every kind, of character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified person, whether active or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) litigation expenses or other fees (including, without limitation, attorney's fees, court costs, fees for pre or post judgment interest, or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analytes such as asbestos, polychlorinated biphenyls, batteries or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of operations on the date the services were rendered or with terms quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or upon completion is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum legal (permitted by law) or one and one-half percent (1 ½%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or verity fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client or its legal representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times 2-7 days, samples must arrive at the lab within 24 hours before operation to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

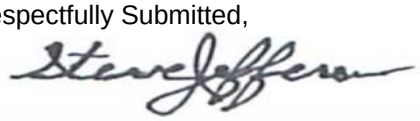
Attention: Ric Vardel
Report Date: 05-Sep-18 13:40
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18H0601-01) Collected: 24-Aug-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AH82622	2	31-Aug-18 (SGS)	<2 mg/l	
pH	SM4500-H-B	AH82519	0.1	24-Aug-18 (JC)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AH82518	0.05	25-Aug-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AH82414	1.8	26-Aug-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AH82414	1.8	26-Aug-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 9/5/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18H0601

Customer: IPC, Inc.		**Project :** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** Carlos Avalos	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserv.	Field Data (pH / Temperature) pH: Field Lab
EFF	08/24/18	1130	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.1/27.0°C
"	"	"	1	BOD	Grab	AQ	1L P	4°C	
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Avalos (PCL)	08/24/18	1441
Received by		MARIO SANTIESTEBAN (PCL)	8/24/18	1441
Relinquished by		MARIO SANTIESTEBAN (PCL)	8/24/18	1809
Received by				
Relinquished by				
Received in lab by		PCL	8-24-18	1810

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	HC - HCl
Comp	HS - H_2SO_4
Matrix	HN - HNO_3
AQ - Water	HP - H_3PO_4
SO - Soil / Sludge	OH - NaOH
OT - Other	ST - Sodium Thiosulfate
Bottle Type	AA - Ascorbic Acid
P - Plastic	Al - $AlCl_3$
G - Amber Glass	Cu - $CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

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8. Force Majeure

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10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. Injury, disease or death of persons 2. Loss of, damage to, loss of, or loss of use of property and or 3. Financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have in PCL and the other Indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples/materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, waste and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at the client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

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14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding unless without applying a rush surcharge. All short holding times, 2-3 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria's & Neural) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

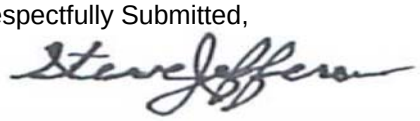
Attention: Ric Vardel
Report Date: 05-Sep-18 13:45
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18H0615-01) Collected: 25-Aug-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AH82622	2	31-Aug-18 (SGS)	<2 mg/l	
pH	SM4500-H-B	AH82933	0.1	25-Aug-18 (SS)	7.6 pH Units	
Residual Chlorine	SM 4500 Cl-G	AH82732	0.05	26-Aug-18 (PL)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AH82517	1.8	27-Aug-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AH82517	1.8	27-Aug-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 9/5/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18H0615

Customer: IPC, Inc.		Project: **(MCC) Daily EFF**	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	08/25/18	0930	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
"	"	"	1	BOD	Grab	AQ	1L P	4°C	
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by	C. Alvarez	Carlos Alvarez Gose	08/25/18	11:50
Received by				
Relinquished by	Jose L Gomez	Jose L Gomez	8-25-18	11:50
Received by				
Relinquished by				
Received in lab by				

Sample Received Checklist

Temperature upon receipt: _____

# of bottles agrees with COC? **Yes** **No**

Samples intact? **Yes** **No**

Samples properly preserved? **Yes** **No**

Samples in holding time? **Yes** **No**

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu -$CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

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1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (LAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client is cited to pay PCL for an services rendered or is otherwise in breach of the agreement), subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other confidences.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliate, subsidiaries and parent harmless from and against any and all liabilities, losses, damages, claims, demands, causes of action, suits and associated expenses including, but not limited to, all court fees (including litigation expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling, or disposal of client's hazardous materials. 1. injury, disease or death of persons 2. loss of, damage to, loss of, or loss of use of property and/or 3. financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages, or liabilities caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to, cover, claims, damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have in PCL and the other Indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption. Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and/or post-judgment interest) or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or any services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required but all new clients must set a history of payment and/ or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by or allowed by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are delegated to an agency or to an attorney, the client shall pay reasonable costs and attorney's fees of agency fees associated with such collection procedures or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only when agreed and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client in securing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity, it is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not conducted, or shall be used to relied upon, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 24 days or less samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. For short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (Especially 8 hour) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

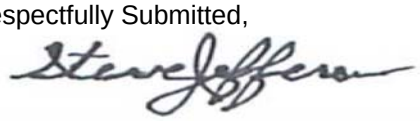
Attention: Ric Vardel
Report Date: 05-Sep-18 13:48
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18H0619-01) Collected: 26-Aug-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AH82828	2	02-Sep-18 (VL)	<2 mg/l	
pH	SM4500-H-B	AH82933	0.1	26-Aug-18 (SS)	7.2 pH Units	
Residual Chlorine	SM 4500 Cl-G	AH82732	0.05	26-Aug-18 (PL)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AH82625	1.8	28-Aug-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AH82625	1.8	28-Aug-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 9/5/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18H0619

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Julio Leal	P.O. #:
Irvine	CA 92618	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	08-26-18	08:30	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
~~Geotracker EDD:~~ Logcode: IPCI Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	Julio Leal	8-26-18	1125
Received by	Jordan Carkeny	8-26-18	1125
Relinquished by			
Received by			
Relinquished by			
Received in lab by			

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	**HC** - HCl
Comp	**HS** - H_2SO_4
Matrix	**HN** - HNO_3
AQ - Water	**HP** - H_3PO_4
SO -Soil / Sludge	**OH** - NaOH
OT - Other	**ST** - Sodium Thiosulfate
Bottle Type	**AA** - Ascorbic Acid
P - Plastic	**Al** - $AlCl_3$
G - Amber Glass	**Cu** -$CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

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9. Confidentiality

Data and the sample materials provided by client or at Client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data after a good standard was observed. PCL reports and information provided thereunder are for the exclusive use and benefit of Client and PCL agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software, processes, or other items obtained.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, injuries, damages, claims, demands, causes of action, loss and expenses (including, but not limited to, attorneys fees, litigation expenses) and assets arising in favor of Client or any third party as a result of, and/or in any way occurring, incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or shall constitute handling or disposal of Client's hazardous materials, 1. injury, disease or death of persons 2. loss of, damage to, use of, or loss of use of property and/or 3. financial loss of every kind of character. The underlying discussion applies to all the foregoing injuries, losses, damages or liabilities caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to client's claims, damages, attorney's fees and costs for arising out of or in connection with the negligence of or incurred / caused by any indemnified Person, whether active or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have on PCL and the other indemnified persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event will PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption, litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and/or pre or post judgment interest), or any other expenses or costs incurred by client or any other party. In any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

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As PCL is to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any Hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

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Changes, modifications or amendments to the Terms shall be effective only if in writing and executed by an officer of PCL and by a duly authorized representative, except that additional orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability to client's or other reliance on data, information or reports furnished to PCL. Client is securing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analysis are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for missing times that are mandated because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. For analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times (7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times will be met. Short Holding Times of 48 hours or less (pH is 6 hours) must be delivered that same day to allow to guarantee holding times are met. After hours, late deliveries, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

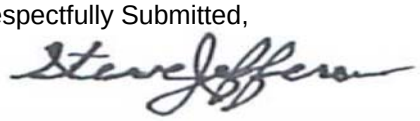
Attention: Ric Vardel
Report Date: 05-Sep-18 13:50
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18H0630-01) Collected: 27-Aug-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AH82828	2	02-Sep-18 (VL)	<2 mg/l	
pH	SM4500-H-B	AH82933	0.1	27-Aug-18 (SS)	7.2 pH Units	
Residual Chlorine	SM 4500 Cl-G	AH82831	0.05	28-Aug-18 (PL)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AH82733	1.8	29-Aug-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AH82733	1.8	29-Aug-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 9/5/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1810630

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Juan Aguilar	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	08.27.18	12:45	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
	/	/	1	BOD	Grab	AQ	1L P	4°C	
	/	/	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
~~Geotracker EDD:~~ Logcode: IPCI Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	Juan Aguilar IPC	8/27/18	
Received by	Evans IPC	8/27/18	1300
Relinquished by	Evans IPC	8.27.18	1400
Received by			
Relinquished by			
Received in lab by		8/27/18	1400

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu -$CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

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For purpose of this agreement, "services" shall mean all work to be performed for the Client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results delivered by PCL shall be held in confidence unless such information is generally available to the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data when exact standard was observed. PCL reports and information provided thereunder are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses, including, but not limited to, all court fees (plus litigation expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. injury, illness or death of persons 2. Loss of damage to, loss of, or loss of use of property and or 3. Financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages, or liabilities caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any Hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operation on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or credit approval is required for all new clients or until a history of payments and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by or as by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are to be collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

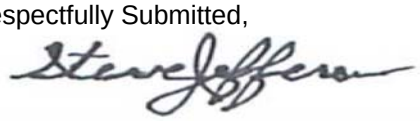
Attention: Ric Vardel
Report Date: 05-Sep-18 13:52
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18H0649-01) Collected: 28-Aug-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AH82934	2	03-Sep-18 (EG)	<2 mg/l	
pH	SM4500-H-B	AH82933	0.1	28-Aug-18 (SS)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AH82929	0.05	29-Aug-18 (PL)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AH82822	1.8	30-Aug-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AH82822	1.8	30-Aug-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 9/5/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18th0649

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	08/28/18	1055	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.39
			1	BOD	Grab	AQ	1L P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

~~Geotracker EDD:~~
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	08/28/18	
Received by		Cindy	8/28/18	12:21
Relinquished by		Cindy	8/28/18	1:50
Received by				
Relinquished by				
Received in lab by			8/28/18	1600

Sample Received Checklist

Temperature upon receipt: 4c

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	**HC** - HCl
Comp	**HS** - H_2SO_4
Matrix	**HN** - HNO_3
AQ - Water	**HP** - H_3PO_4
SO -Soil / Sludge	**OH** - NaOH
OT - Other	**ST** - Sodium Thiosulfate
Bottle Type	**AA** - Ascorbic Acid
P - Plastic	**Al** - $AlCl_3$
G - Amber Glass	**Cu** -$CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services as defined herein only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. Any modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The Client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or industrial consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM) Association of Official Analytical Chemists (AOAC) Standard Methods (SM) of the examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the Services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results assessed by PCL shall be held in confidence (unless such information is generally available to the public or in the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of this agreement), subject to any disclosure required by law or legal process. PCL employs the same standard of care as it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereunder are for the exclusive use and benefit of client and it is agreed there shall be no third party beneficiary of such reports, data or information. Client will not duplicate any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parents harmless from and against any and all liabilities, losses, damages, claims, demands, causes of action, suits and associated expenses, including, but not limited to, all court fees, litigation expenses and awards arising out of client or any third party as a result of, or due in any way to, claiming incident's arising out of, or in connection with the performance of services by PCL pursuant to this agreement as to: a) transportation, handling or disposal of client's hazardous materials, b. injury, disease or death of persons 2. Loss of, damage to, loss of, or loss of use of property and or 3. Financial loss of every kind and character. This indemnity does not apply to any of the foregoing losses, costs, liabilities or claims caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to client, client agents, officers of every kind and character arising out of or in connection with the negligence of or breach of contract by any Indemnified Person, whether active or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption, Litigation Expenses or other fees including, without limitation, attorney's fees, court costs, and/or pre or post judgment interest, or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or on services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations, whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all tested portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any lab bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of operations on the date the services were rendered or such other quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment of all sums or when invoice is computed is required for all new clients or clients without a history of payment until credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoice. To the fullest extent permitted by or all by applicable law, any amount unpaid on the end of thirty (30) days is subject to interest at the lesser of the maximum rate established by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees in connection with such collection procedure or activity.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client. Authorized representative, verbal and subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of any verbal or written data, information or reports furnished by PCL. Client in securing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity, it is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not relied on, or shall be used to relied upon in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any proposal, or other reporting to the holders of any securities, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 2pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analytes with holding times of 14 days or less, samples must arrive within 48 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times (7 days, samples must arrive at the lab no later than 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (sub seven 0 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

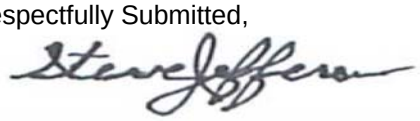
Attention: Ric Vardel
Report Date: 05-Sep-18 13:54
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18H0698-01) Collected: 29-Aug-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AH83015	2	04-Sep-18 (EA)	<2 mg/l	
pH	SM4500-H-B	AH83010	0.1	29-Aug-18 (SS)	7.1 pH Units	
Residual Chlorine	SM 4500 Cl-G	AH83012	0.05	30-Aug-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AH82936	1.8	31-Aug-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AH82936	1.8	31-Aug-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 9/5/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (805) 532-0012
Fax (805) 532-0016

Environmental Sample

Sample I.D.#: 1810698

Customer: IPC Inc.		Project: MCC Daily EFF	
Address: 9297 Research Drive	Sampled by: Golan Kfir		P.O. #:
Irvine	Report Attention: Ric Vardel / Golan Kfir		Phone #: (949)-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	8/29/18	11:50	1	pH, T. Res. Chlorine	Grab	AQ	500 P	4 C	
	"	"	1	BOD	Grab	AQ	1L P	4 C	
	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR1000000359									

Signature	Print Name (Company)	Date	Time
Relinquished by: GK	Golan IPC	8/29/18	1332
Received by:	MARIO SANTIESTEBAN	8/29/18	1332
Relinquished by:	MARIO SANTIESTEBAN	8/29/18	1500
Received by:			
Relinquished by:			
Received in lab by:		8-29-18	16

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 6/1/17

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 05-Sep-18 16:43
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18H0724-01) Collected: 30-Aug-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AH83109	2	05-Sep-18 (EA)	<2 mg/l	
pH	SM4500-H-B	AI80105	0.1	30-Aug-18 (JC)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AH83117	0.05	31-Aug-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AH83011	1.8	01-Sep-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AH83011	1.8	01-Sep-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 9/5/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (805) 532-0012
Fax (805) 532-0016

Environmental Sample

Sample I.D.#: 18H0724

Customer: IPC Inc.		Project: MCC Daily EFF	
Address: 9297 Research Drive	Sampled by: Golan Kfir	P.O. #:	
Irvine	Report Attention: Ric Vardel / Golan Kfir	Phone #: (949)-382-9067	

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	8/30/18	11:15	1	pH, T. Res. Chlorine	Grab	AQ	500 P	4 C	7.4/29.3°C
	"	"	1	BOD	Grab	AQ	1L P	4 C	
	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR1000000359									

Signature	Print Name (Company)	Date	Time
Relinquished by GK	Golan IPC	8/30/18	1244
Received by	MARIO SANTIESTEBAN (PCL)	8/30/18	1244
Relinquished by	MARIO SANTIESTEBAN (PCL)	8/30/18	1530
Received by			
Relinquished by			
Received in lab by	M/L	8/30/18	16"

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 6/1/17

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

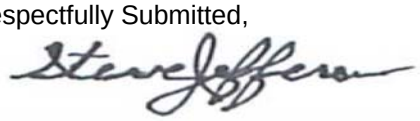
Attention: Ric Vardel
Report Date: 07-Sep-18 13:08
Subject: (MCC) Weekly EFF

Project/P.O.#: (MCC) Weekly EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18H0725-01) Collected: 30-Aug-18 By IPC						
Ammonia as N	EPA 350.1	AI80429	0.10	04-Sep-18 (SGS)	0.12 mg/l	
Nitrate as N	EPA 353.2	AH83014	0.10	30-Aug-18 (LA)	5.12 mg/l	
Nitrite as N	EPA 353.2	AH83014	0.02	30-Aug-18 (LA)	0.09 mg/l	
Total Kjeldahl Nitrogen	EPA 351.2	AI80430	0.10	07-Sep-18 (LA)	0.56 mg/l	
Total Suspended Solids	SM 2540D	AH83111	1	31-Aug-18 (EA)	<1 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 9/7/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1810725

Customer: IPC, Inc.		**Project :** (MCC) Weekly EFF	
Address: 9297 Research Drive		**Sampled by:** Golan Kfir	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserv.	Field Data (pH / Temperature) pH: Field Lab
EFF	8/30/18	11:15	1	TSS	Grab	AQ	1L P	4°C	
	"	"	1	NH4, TKN	Grab	AQ	500 P	HS	
	"	"	1	NO2, NO3	Grab	AQ	500 P	4°C	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

Signature	Print Name (Company)	Date	Time
Relinquished by	Golan IPC	8/30/18	1249
Received by	MARIO SANJIESTEBAN (PCL)	8/30/18	1249
Relinquished by	MARIO SANJIESTEBAN (PCL)	8/30/18	1525
Received by			
Relinquished by			
Received in lab by		8/30/18	16:00

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Matrix	Bottle Type
Grab	AQ - Water	P - Plastic
Comp	SO -Soil / Sludge	G - Amber Glass
	OT - Other	VOA - 40 ml Vial
		Coli - bacteria

Preservations

HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed on a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or Client has failed to pay PCL for all services rendered or is otherwise in breach of the Agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided hereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. Injury, disease or death of persons 2. Loss of, damage to, loss of, or loss of use of property and or 3. Financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other Indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post-judgement interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any Indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples / materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date PCL services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amounts unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.50%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees (or agents' fees calculated with such collection procedures or efforts.)

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.)

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior modification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 7-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

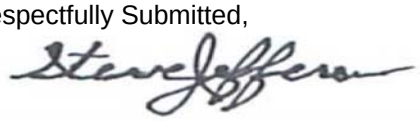
Attention: Ric Vardel
Report Date: 05-Sep-18 16:48
Subject: (MCC) Weekly INF

Project/P.O.#: (MCC) Weekly INF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
INF (Sample I.D.# : 18H0722-01) Collected: 30-Aug-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AH83109	2	05-Sep-18 (EA)	399 mg/l	
Total Suspended Solids	SM 2540D	AH83111	1	31-Aug-18 (EA)	166 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 9/5/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 180722

Customer: IPC, Inc.		Project : (MCC) Weekly INF	
Address: 9297 Research Drive		Sampled by: Golan Kfir	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
INF	8/30/18	10:25	1	TSS	Grab	AQ	1L P	4°C	
	"	"	1	BOD	Grab	AQ	1L P	4°C	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by: GK	Golan IPC	8/30/18	1255
Received by: Mario Santiesteban	MARIO SANTIESTEBAN (PCL)	8/30/18	1255
Relinquished by: Mario Santiesteban	MARIO SANTIESTEBAN (PCL)	8/30/18	1531
Received by:			
Relinquished by:			
Received in lab by:	PCL	8/30/18	1600

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC?	Yes	No
Samples intact?	Yes	No
Samples properly preserved?	Yes	No
Samples in holding time?	Yes	No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Matrix	Bottle Type
Grab	AQ - Water	P - Plastic
Comp	SO - Soil / Sludge	G - Amber Glass
	OT - Other	VOA - 40 ml Vial
		Coli - bacteria

Preservations

HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

2. Independent Contractor

3. Quotes and Acceptance

4. Limit of Liability

5. Clients Responsibility

6. Cancellation

7. Overriding Agreement

8. Force Majeure

9. Confidentiality

10. Hold Harmless

11. Hazardous Substances

12. Price/Payments

13. Agreement Modification

14. No Third Party Beneficiaries nor Right of Reliance

15. Rush Analysis

16. Holding Times

17. Sample Retention

18. Sample Pick Up/Field Tech Sampling

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

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Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
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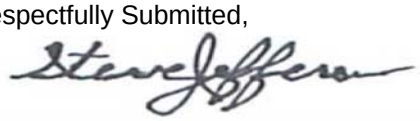
Attention: Ric Vardel
Report Date: 05-Sep-18 16:46
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18H0751-01) Collected: 31-Aug-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AH83109	2	05-Sep-18 (EA)	13 mg/l	
pH	SM4500-H-B	AI80105	0.1	01-Sep-18 (JC)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AI80104	0.05	01-Sep-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AH83116	1.8	02-Sep-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AH83116	1.8	02-Sep-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 9/5/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18H0757

Customer: IPC, Inc.		**Project:** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** Carlos Alvarez	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: (Field) Lab
EFF	08/31/18	1215	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.2/26.8°C
"	"	"	1	BOD	Grab	AQ	1L P	4°C	
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	08/31/18	1238
Received by		MARIO SANTIESTEBAN (PCL)	8/31/18	1238
Relinquished by		MARIO SANTIESTEBAN (PCL)	8/31/18	1427
Received by				
Relinquished by				
Received in lab by		PCL	8/31/18	1430

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC?	Yes	No
Samples intact?	Yes	No
Samples properly preserved?	Yes	No
Samples in holding time?	Yes	No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Matrix	Bottle Type
Grab	AQ - Water	P - Plastic
Comp	SO - Soil / Sludge	G - Amber Glass
	OT - Other	VOA - 40 ml Vial
		Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

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The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

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Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

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8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has had to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, costs and associated expenses, including, but not limited to, attorney fees (the Litigation Expenses) and costs accruing in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, disease or death of persons 2. Loss of, damage to, loss of, or loss of use of property and/or 3. financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have in PCL and the other indemnified persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption. Litigation Expenses or other fees including, without limitation, attorney's fees, court costs, and/or pre or post judgment interest, or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when invoice is completed is required but all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by or allowed by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedures or efforts.

13. Agreement Modification

No changes, modifications or amendments to the terms shall be effective or in writing and executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants and agrees that said data, information and reports are not requested, or shall be used to record proof in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. For short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (typically 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

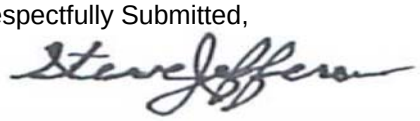
Attention: Ric Vardel
Report Date: 07-Sep-18 13:11
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18I0002-01) Collected: 01-Sep-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AI80225	2	07-Sep-18 (SGS)	<2 mg/l	
pH	SM4500-H-B	AI80230	0.1	02-Sep-18 (JC)	7.3 pH Units	
Residual Chlorine	SM 4500 Cl-G	AI80229	0.05	02-Sep-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AI80103	1.8	03-Sep-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AI80103	1.8	03-Sep-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 9/7/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1410002

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	04/01/18	0800	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD: Logcode: IPCI Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by	C. Alvarez	Carlos Alvarez (SPC)	04/01/18	10:40
Received by				
Relinquished by	Jose L Gomez	Jose L Gomez	4-1-18	10:40
Received by				
Relinquished by				
Received in lab by				

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab Comp	HC - HCl HS - H_2SO_4 HN - HNO_3 HP - H_3PO_4 OH - NaOH ST - Sodium Thiosulfate AA - Ascorbic Acid Al - $AlCl_3$ Cu - $CuSO_4$
Matrix AQ - Water SO - Soil / Sludge OT - Other	
Bottle Type P - Plastic G - Amber Glass VOA - 40 ml Vial Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the person or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined hereto) only under the following Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, , arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or in the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided therein are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any opinion and/or concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses, including, but not limited to, all court fees (but litigation expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, disease or death of persons, 2. loss of, damage to, loss of, or loss of use of property and/or 3. financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages, or liabilities caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall not apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have in PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive special, incidental or consequential damages including, without limitation, loss of profit or business interruption (litigation expenses or other fees (including, without limitation, attorney's fees, court costs, and/or pre or post judgment interest), or any other expenses or costs incurred by client or any other party, in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analytes such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or described as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

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Changes, modifications or amendments to this terms shall be effective only in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client in securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity, it is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with Holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 10-Sep-18 14:58
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18I0008-01) Collected: 02-Sep-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AI80424	2	09-Sep-18 (VL)	<2 mg/l	
pH	SM4500-H-B	AI80314	0.1	03-Sep-18 (JC)	7.3 pH Units	
Residual Chlorine	SM 4500 Cl-G	AI80315	0.05	03-Sep-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AI80228	1.8	04-Sep-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AI80228	1.8	04-Sep-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 9/10/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18J0008-1

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Mohamad Monghasem	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	09,02,18	8:30	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
	〃	〃	1	BOD	Grab	AQ	1L P	4°C	
	〃	〃	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD: Logcode: IPCI Global ID: WDR100000359									

Signature	Print Name, (Company)	Date	Time
Relinquished by	Mohamad Monghasem	09,02,18	1120
Received by	Jordan Corkern	9/02/18	1120
Relinquished by			
Received by			
Relinquished by			
Received in lab by			

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? (Yes) No

Samples intact? (Yes) No

Samples properly preserved? (Yes) No

Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Matrix	Bottle Type
(Grab)	(AQ) - Water	(P) - Plastic
Comp	SO -Soil / Sludge	G - Amber Glass
	OT - Other	VOA - 40 ml Vial
		Coli - bacteria

Preservations

HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may order services by submitting a written Chain of Custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (LLAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided hereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any proprietary (containing technical information, software programs or other formulations).

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all costs, fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring, incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. Injury, sickness or death of persons 2. Loss of, damage to, loss of, or loss of use of property and/or 3. Financial loss of every kind of character. This indemnity shall not apply to any of the foregoing losses, costs, damages or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall not specifically apply to losses, claims, damages, actions of every kind and character arising out of PCL's compliance with the negligence or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption. Life abor, expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analytes such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined to identified as such under federal, state or local laws, rules PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of operations and/or date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid accounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only if in writing and executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to rated upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (accidents 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 10-Sep-18 15:01
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18I0011-01) Collected: 03-Sep-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AI80424	2	09-Sep-18 (VL)	<2 mg/l	
pH	SM4500-H-B	AI80535	0.1	03-Sep-18 (SS)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AI80421	0.05	04-Sep-18 (PL)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AI80313	1.8	05-Sep-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AI80313	1.8	05-Sep-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 9/10/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1810011

Customer: IPC, Inc.		**Project:** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** JULIO LEAL	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	09-03-18	07:00	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
	/	/	1	BOD	Grab	AQ	1L P	4°C	
	/	/	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Gectracker EDD: Logcode: IPCI Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	JULIO LEAL	9-3-18	905
Received by	Jordan Corkery	9/3/18	905
Relinquished by			
Received by			
Relinquished by			
Received in lab by			

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	HC - HCl
Comp	HS - H_2SO_4
Matrix	HN - HNO_3
AQ - Water	HP - H_3PO_4
SO - Soil / Sludge	OH - NaOH
OT - Other	ST - Sodium Thiosulfate
Bottle Type	AA - Ascorbic Acid
P - Plastic	Al - $AlCl_3$
G - Amber Glass	Cu - $CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means those Terms and Conditions of sale, including the price schedule, and any addtions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his ex its heirs, successors, assigns and representatives. "Price Scheduler" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined hereof) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S Environmental Protection Agency (EPA), CA Waterboard (STLAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public, or is the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereunder are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of its reports, data or information. Client will not disclose to any third party any interpretation concerning technical information, software or procedure other than in confidence.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates (subsidiaries and parent) harmless from and against any and all Liabilities known or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials: 1. injury, disease or death of persons; 2. Loss of, damage to, loss of, or loss of use of property; and/or 3. financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, suits, damages or injuries caused solely by the error negligent or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified person, whether active or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage as be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption, litigation Expenses or other fees including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

By it PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

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15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 2pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 24 hours or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 1-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (tests with 4 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late deliveries, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

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All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

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All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

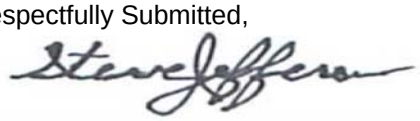
Attention: Ric Vardel
Report Date: 10-Sep-18 16:20
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18I0041-01) Collected: 04-Sep-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AI80541	2	10-Sep-18 (SGS)	<2 mg/l	
pH	SM4500-H-B	AI80535	0.1	04-Sep-18 (SS)	8.2 pH Units	
Residual Chlorine	SM 4500 Cl-G	AI80536	0.05	05-Sep-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AI80432	1.8	06-Sep-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AI80432	1.8	06-Sep-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 9/10/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18I0041

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	09/04/18	1010	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	8.2
			1	BOD	Grab	AQ	1L P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by	Carlos Alvarez	Carlos Alvarez (IPC)	09/04/18	
Received by			1320	9/4/18
Relinquished by			9/4/18	1520
Received by				
Relinquished by				
Received in lab by		PLV	9/4/18	1600

Sample Received Checklist

Temperature upon receipt: 4
# of bottles agrees with COC? Yes No
Samples intact? Yes No
Samples properly preserved? Yes No
Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____
Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" mean these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence unless such information is generally available to the public or is the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unsolicited disclosure of such data where such standard was observed. PCL reports and information provided hereunder are for the exclusive use and benefit of client and client agrees it/we shall be no third party beneficiaries of PCL's reports, data or information. Client will not disclose to any third party any information concerning PCL's methodologies, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parents harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees (the "Litigation Expenses") and awards arising in favor of Client or any third party as a result of, and/or in any way occurring, incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. Injury, disease or death of persons 2. Loss of, damage to, loss of, or loss of use of property and/or 3. Financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, diseases, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to cover, claims damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, Client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive special, incidental or consequential damages including, without limitation, loss of profit or business interruption. Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and (or pre or post judgment interest)), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples or materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

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Client shall pay PCL in accordance with PCL's applicable prior schedule in effect at the time of application for the date the services were rendered or such prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is requested is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by or allowable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, client shall pay reasonable costs and attorney's fees as agreed. Fees associated with such collection proceedings or efforts.

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Changes, modifications or amendments to the terms shall be effective only if in writing and executed by an officer of PCL and by client (or authorized representative, except that subsequent orders for additional services may be verbal or in writing).

14. No Third-Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to rely upon, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less' samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times (7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 8 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

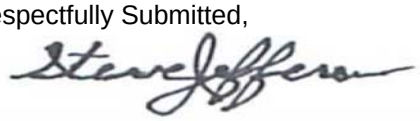
Attention: Ric Vardel
Report Date: 12-Sep-18 09:46
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18I0078-01) Collected: 05-Sep-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AI80607	2	11-Sep-18 (SGS)	<2 mg/l	
pH	SM4500-H-B	AI80715	0.1	05-Sep-18 (SS)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AI80610	0.05	06-Sep-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AI80538	1.8	08-Sep-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AI80538	1.8	08-Sep-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 9/12/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18J0078

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	09/05/18	1100	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD: Logcode: IPCI Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	09/05/18	
Received by		David Larson PCL	09/05/18	1300
Relinquished by		David Larson PCL	09/05/18	1453
Received by				
Relinquished by				
Received in lab by		MC	9-5-18	1455

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Matrix	Bottle Type
Grab	AQ - Water	P - Plastic
Comp	SO - Soil / Sludge	G - Amber Glass
	OT - Other	VOA - 40 ml Vial
		Coli - bacteria

Preservations

HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided hereunder are for the exclusive use and benefit of client and client agrees that it shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees (the Litigation Expenses) and awards arising in favor of Client or any third party, as a result of, and/or in any way occurring, incident to arising out of, or in connection with the performance of services by PCL pursuant to this Agreement and/or sample collection, handling or disposal of client's hazardous materials. 1. Injury, disease or death of persons 2. Loss of, damage to, loss of, or loss of use of property and or 3. Financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have in PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) (Litigation Expenses or other fees including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted or at all by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees allocated with such collection procedures or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

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Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

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All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

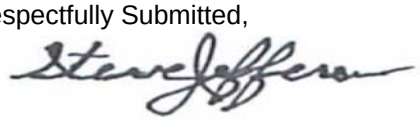
Attention: Ric Vardel
Report Date: 13-Sep-18 09:28
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18I0112-01) Collected: 06-Sep-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AI80710	2	12-Sep-18 (EA)	14 mg/l	
pH	SM4500-H-B	AI80715	0.1	06-Sep-18 (SS)	6.8 pH Units	
Residual Chlorine	SM 4500 Cl-G	AI80717	0.05	07-Sep-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AI80615	1.8	08-Sep-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AI80615	1.8	08-Sep-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 9/13/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 189012

Customer: IPC, Inc.		**Project:** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** Golan Kfir	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH Field Lab
EFF	9/6/18	11:55	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	6.8 / 29.9 °C
	"	"	1	BOD	Grab	AQ	1L P	4°C	
	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by: GK	Golan IPC	9/6/18	
Received by: (PCL)	(PCL)	9-6-18	13'30
Relinquished by:		9-6-18	3:30
Received by:			
Relinquished by:			
Received in lab by:	VL	9.6.18	1530

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or released from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The Client may order services by submitting a written Chain of Custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or solicitation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or complications of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site, and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or in the public domain or client has filed to pay PCL for all services rendered, or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data after such standard was observed. PCL reports and information provided hereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases, and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses in damages, claims, demands, causes of action, suits and associated expenses, including, but not limited to, all court fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with, the performance of services by PCL pursuant to this agreement, and/or transportation, handling or disposal of client's hazardous materials, 2. injury, disease or death of persons 3. loss of, damage to, loss of, or loss of use of property and/or 4. financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other Indemnified Persons. To the extent necessary under applicable law, Client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption). Litigation Expenses or other fees including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples or materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or with a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees in addition to all reasonable costs and attorney's fees in addition to all reasonable costs and attorney's fees in addition to all

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

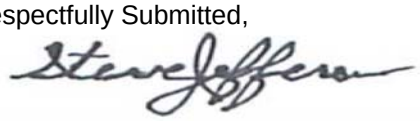
Attention: Ric Vardel
Report Date: 13-Sep-18 09:40
Subject: (MCC) Weekly EFF

Project/P.O.#: (MCC) Weekly EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18I0115-01) Collected: 06-Sep-18 By IPC						
Ammonia as N	EPA 350.1	AI81032	0.10	10-Sep-18 (SGS)	0.12 mg/l	
Nitrate as N	EPA 353.2	AI80713	0.20	07-Sep-18 (LA)	4.54 mg/l	
Nitrite as N	EPA 353.2	AI80713	0.02	07-Sep-18 (LA)	<0.02 mg/l	
Total Kjeldahl Nitrogen	EPA 351.2	AI81125	0.10	12-Sep-18 (LA)	1.00 mg/l	
Total Suspended Solids	SM 2540D	AI80708	1	07-Sep-18 (EA)	4 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 9/13/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18I 015

Customer: IPC, Inc.		**Project:** (MCC) Weekly EFF	
Address: 9297 Research Drive		**Sampled by:** Golan Kfir	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	9/6/18	11:55	1	TSS	Grab	AQ	1L P	4°C	
	"	"	1	NH4, TKN	Grab	AQ	500 P	HS	
	"	"	1	NO2, NO3	Grab	AQ	500 P	4°C	
Geotracker EDD: Logcode: IPCI Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by: GK	Golan IPC	9/6/18	
Received by:	Ricy (PCL)	9-6-18	13:22
Relinquished by:	(PCL)	9-6-18	3:30
Received by:			
Relinquished by:			
Received in lab by:	JL	9.6.18	1530

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC?	Yes	No
Samples intact?	Yes	No
Samples properly preserved?	Yes	No
Samples in holding time?	Yes	No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Matrix	Bottle Type
Grab	AQ - Water	P - Plastic
Comp	SO - Soil / Sludge	G - Amber Glass
	OT - Other	VOA - 40 ml Vial
		Coli - bacteria

Preservations

HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at Client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is due public domain or client has failed to pay PCL for all services rendered) or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such data where such standard was observed. PCL reports and information provided thereon are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses, including, but not limited to, attorneys' fees (the Litigation Expenses) and interest arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, threat or death of persons 2. loss of, damage to, loss of, or loss of use of property and/or 3. financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, suits, damages or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other Indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) Litigation Expenses or other fees including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the date of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees of PCL's associated with such collection proceedings or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by the duly authorized representative. Except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent of broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (tested in 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

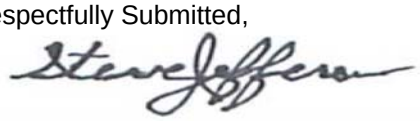
Attention: Ric Vardel
Report Date: 13-Sep-18 09:44
Subject: (MCC) Weekly INF

Project/P.O.#: (MCC) Weekly INF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
INF (Sample I.D.# : 18I0114-01) Collected: 06-Sep-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AI80710	2	12-Sep-18 (EA)	612 mg/l	
Total Suspended Solids	SM 2540D	AI80708	1	07-Sep-18 (EA)	180 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 9/13/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 187014

Customer: IPC, Inc.		Project: (MCC) Weekly INF	
Address: 9297 Research Drive		Sampled by: Golan Kfir	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
INF	9/6/18	11:26	1	TSS	Grab	AQ	1L P	4°C	
	"	"	1	BOD	Grab	AQ	1L P	4°C	
Geotracker EDD: Logcode: IPCI Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by: GK	Golan IPC	9/6/18	
Received by:	(OCL)	9-6-18	13:30
Relinquished by:	(PCL)	9-6-18	3:30
Received by:			
Relinquished by:			
Received in lab by:	PL	9.6.18	1530

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

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The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

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4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

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8. Force Majeure

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9. Confidentiality

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10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all actions, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to attorneys' fees (the litigation if asserted) and awards arising in favor of Client or any third party, as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials: 1. injury, disease or death of persons 2. loss of, damage to, loss of, or loss of use of property and or 3. Property loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages or injuries caused solely by the active negligence or willful misconduct of PCL or its employees. Further, the indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the Client might otherwise have to PCL and the other Indemnified Persons. To the extent necessary under applicable law, Client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption. Litigation Expenses or other fees including, without limitation, attorney's fees, court costs, and pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or at the prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount unpaid as the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedures or efforts.

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Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any securities, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 3-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

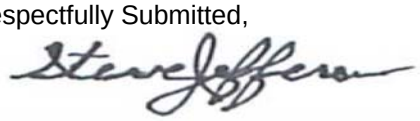
Attention: Ric Vardel
Report Date: 19-Sep-18 09:23
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18I0149-01) Collected: 07-Sep-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AI80913	2	14-Sep-18 (SGS)	<2 mg/l	
pH	SM4500-H-B	AI80824	0.1	08-Sep-18 (JC)	6.8 pH Units	
Residual Chlorine	SM 4500 Cl-G	AI80823	0.05	08-Sep-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AI80716	1.8	09-Sep-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AI80716	1.8	09-Sep-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 9/19/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1810149

Customer: IPC, Inc.		**Project:** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** Golan Kfir	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH ~~Field~~ Lab
EFF	9/7/18	12:35	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	6.8/28.4
	"	"	1	BOD	Grab	AQ	1L P	4°C	
	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD: Logcode: IPCI Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by GK	Golan IPC	9/7/18	
Received by	(Pat)	9/7/18	13:10
Relinquished by	(Pat)	9/7/18	2:30
Received by			
Relinquished by			
Received in lab by		9/7/18	1450

Sample Received Checklist

Temperature upon receipt: 4°

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	HC - HCl
Comp	HS - H_2SO_4
Matrix	HN - HNO_3
AQ - Water	HP - H_3PO_4
SO -Soil / Sludge	OH - NaOH
OT - Other	ST - Sodium Thiosulfate
Bottle Type	AA - Ascorbic Acid
P - Plastic	Al - $AlCl_3$
G - Amber Glass	Cu -$CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or his/her/its successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or released from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the Terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. ce Majeure

ll not be responsible for delay or failure to perform ces pursuant to this agreement due to causes control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or in the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of Client and Client agrees that it shall not to third party beneficiary of such reports, data or information. Client will not disclose any third party any information concerning technical information, software, procedure or other formulation.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL its employees, officers, directors, agents, affiliate corporations and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, costs and associated expenses, including, but not limited to, court fees, attorney fees, expenses and awards arising in favor of Client, or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, disease or death of persons 2. loss of, damage to, lost of, or use of property and or 3. financial loss of every kind and character, including out of and in connection with the negligence or in whole or in part caused by any indemnified person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have on PCL and the other indemnified persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or, with prices quoted and later confirmed in writing, the price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoice. To the fullest extent permitted by all by applicable law, any amount unpaid for the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or report(s) furnished by PCL. Client is securing services hereunder for his sole account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any securities, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because all samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times (< 7 days), samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 8 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 19-Sep-18 09:29
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18I0158-01) Collected: 08-Sep-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AI80913	2	14-Sep-18 (SGS)	2 mg/l	
pH	SM4500-H-B	AI80917	0.1	08-Sep-18 (JC)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AI80918	0.05	09-Sep-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AI80822	1.8	10-Sep-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AI80822	1.8	10-Sep-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 9/19/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18I0158

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: JULIO LEAL	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	09-08-18	08:45	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	
	1	1	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	JULIO LEAL	9-8-18	10:50
Received by			
Relinquished by	Jose L Gomez	9-8-18	10:50
Received by			
Relinquished by			
Received in lab by			

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

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The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

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10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL its employees, officers, directors, agents, affiliates, successors and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, costs and associated expenses, including, but not limited to all court fees (the Litigation Expenses) and awards arising in favor of "Client or any third party" as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. Injury, disease or death of persons 2. Loss of, damage to, loss of, or loss of use of property and or 3. Financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL, or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence or breach of contract by any indemnified person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Parties. To the extent necessary under applicable law, Client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) Litigation Expenses or other fees including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analytes such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

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PCL shall have no responsibility or liability for client's use or reliance on data, information, or reports furnished by PCL. Client in securing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity, it is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

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18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

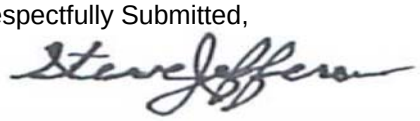
Attention: Ric Vardel
Report Date: 19-Sep-18 09:34
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18I0163-01) Collected: 09-Sep-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AI81120	2	16-Sep-18 (VL)	<2 mg/l	
pH	SM4500-H-B	AI81123	0.1	09-Sep-18 (SS)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AI81026	0.05	10-Sep-18 (PL)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AI80916	1.8	11-Sep-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AI80916	1.8	11-Sep-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 9/19/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18I0163

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Mohamad Monghasem	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	09/09/18	9:30	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD: Logcode: IPCI Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	Mohamad Monghasem	09/09/18	1120
Received by	Jordan Corkery	09/09/18	1120
Relinquished by			
Received by			
Relinquished by			
Received in lab by			

Sample Received Checklist

Temperature upon receipt: _____

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	HC - HCl
Comp	HS - H_2SO_4
Matrix	HN - HNO_3
AQ - Water	HP - H_3PO_4
SO -Soil / Sludge	OH - NaOH
OT - Other	ST - Sodium Thiosulfate
Bottle Type	AA - Ascorbic Acid
P - Plastic	Al - $AlCl_3$
G - Amber Glass	Cu -$CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

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For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

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Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public, or is the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software, processes or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to, all court fees, the Litigation Equipment, and awards arising in favor of Client or any third party as a result of, and/or in any way or to any incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling, or disposal of client's hazardous materials. 1. injury, disease or death of persons 2. loss of, damage to, loss of, or loss of use of property and/or 3. financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages, or liabilities caused directly by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity is in addition to any and all rights to which PCL and the other indemnified Persons may be entitled at law or equity. This indemnity shall apply to all the foregoing losses, costs, damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client may otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, Client agrees that its indemnity obligations will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption). Litigation Expenses: In other laws (including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), to any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or any services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoice. To the fullest extent permitted by or as allowed by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedures or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the issuing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analytes are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

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PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

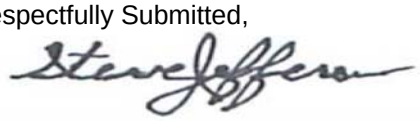
Attention: Ric Vardel
Report Date: 19-Sep-18 09:37
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18I0173-01) Collected: 10-Sep-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AI81120	2	16-Sep-18 (VL)	<2 mg/l	
pH	SM4500-H-B	AI81123	0.1	10-Sep-18 (SS)	7.2 pH Units	
Residual Chlorine	SM 4500 Cl-G	AI81116	0.05	11-Sep-18 (PL)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AI81034	1.8	12-Sep-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AI81034	1.8	12-Sep-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 9/19/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18I0173

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Golan Kfir	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: (Field) Lab
EFF	9/10/18	12:35	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.2 / 27.9°C
	"	"	1	BOD	Grab	AQ	1L P	4°C	Cl = NO*
	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by: GK	Golan IPC	9/10/18	1300
Received by:	MARIO SANTIESTEBAN (PCL)	9/10/18	1300
Relinquished by:	MARIO SANTIESTEBAN (PCL)	9/10/18	1428
Received by:			
Relinquished by			
Received in lab by	PCL	9/10/18	1800

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? (Yes) No

Samples intact? (Yes) No

Samples properly preserved? (Yes) No

Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
(Grab)
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

* POTASSIUM IODIDE STRIP

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

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10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL its employees, officers, directors, agents, affiliates, subsidiaries and parents harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, costs and associated expenses, including, but not limited to all court fees (the Litigation Expenses) and actions arising in favor of Client or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. Injury, illness or death of persons 2. Loss of, damage to, loss of, or loss of use of property and/or 3. Financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including without limitation, loss of profit or business interruption) Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or as services provided under this agreement even if client is the prevailing party.

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15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

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All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 19-Sep-18 09:39
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18I0210-01) Collected: 11-Sep-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AI81221	2	17-Sep-18 (SGS)	<2 mg/l	
pH	SM4500-H-B	AI81231	0.1	11-Sep-18 (SS)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AI81228	0.05	12-Sep-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AI81124	1.8	14-Sep-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AI81124	1.8	14-Sep-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 9/19/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18IO210

Customer: IPC, Inc.		**Project:** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** JULIO LEAL	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	09-11-18	11:45	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	
	/	/	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	JULIO LEAL	9-11-18	
Received by	Evan	9.11.18	1230
Relinquished by	Evan	9.11.18	1400
Received by			
Relinquished by			
Received in lab by		9/11/18	1400

Sample Received Checklist

Temperature upon receipt: 4°

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	**HC** - HCl
Comp	**HS** - H_2SO_4
Matrix	**HN** - HNO_3
AQ - Water	**HP** - H_3PO_4
SO -Soil / Sludge	**OH** - NaOH
OT - Other	**ST** - Sodium Thiosulfate
Bottle Type	**AA** - Ascorbic Acid
P - Plastic	**Al** - $AlCl_3$
G - Amber Glass	**Cu** -$CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

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PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

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Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such data where such standard was employed. PCL's reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Clients will not disclose any third party any [illegible] where such marketing technical information, software programs or other information.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates and successors and parent harmless from and against any and all liabilities, losses, damages, claims, demands, causes of action, costs and associated expenses, including, but not limited to, attorneys' fees, litigation expenses and awards arising in favor of Client or any third party as a result of, related in any way to, arising, incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. injury, illness or death of persons 2. Loss of damage to, loss of, or loss of use of property and 3. Breach of this or of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages, or expenses caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to client's damages, actions of every kind and character, arising out of or in any way connected with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive special, incidental or consequential damages including, without limitation, loss of profit or business interruption. Litigation / commercial collection costs including, without limitation, attorney's fees, court costs, and /or pre or post judgment interests, or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified persons in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, pulp/laminate / polymeric bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws / rules. PCL follows EPA regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or upon a review of payment and credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by or allowed by applicable law, any amount unpaid as the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agency fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing, and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of performance on data, information or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any securities, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (Coliforms is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 19-Sep-18 09:41
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18I0244-01) Collected: 12-Sep-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AI81314	2	18-Sep-18 (SGS)	<2 mg/l	
pH	SM4500-H-B	AI81406	0.1	12-Sep-18 (PL)	7.2 pH Units	
Residual Chlorine	SM 4500 Cl-G	AI81313	0.05	13-Sep-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AI81230	1.8	14-Sep-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AI81230	1.8	14-Sep-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 9/19/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18I0244

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: JULIO LEDL	P.O. #:
Irvine	CA 92618	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: (Field) Lab
EFF	09-12-18	12:15	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.2/29.1°C
			1	BOD	Grab	AQ	1L P	4°C	Cl=ND
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	JULIO LEDL	9-12-18	1451
Received by	MARIO SANTIESTEBAN (PCL)	9/12/18	1451
Relinquished by	MARIO SANTIESTEBAN (PCL)	9/12/18	1735
Received by			
Relinquished by			
Received in lab by	PCL	9-12-18	1735

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	HC - HCl
Comp	HS - H_2SO_4
Matrix	HN - HNO_3
AQ - Water	HP - H_3PO_4
SO - Soil / Sludge	OH - NaOH
OT - Other	ST - Sodium Thiosulfate
Bottle Type	AA - Ascorbic Acid
P - Plastic	Al - $AlCl_3$
G - Amber Glass	Cu - $CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 60 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.
The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions.
The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.
For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

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10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses to damages, claims, demands, causes of action, costs and associated expenses including, but not limited to all court fees (the Litigation Expenses) and attorney arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. injury, disease or death of persons 2. loss of, damage to, loss of, or loss of use of property and/or 3. Financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, suits, damages or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to known claims, damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have in PCL and the other indemnified Persons. To the extent necessary under applicable law, Client agrees that its indemnity obligation will be supported by available liability insurance coverage as to be identified by client, which insurance shall be to the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including without limitation, loss of profit or business interruption, Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and/or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee per sample submitted, as in accordance with our QA/QC policies and procedures.

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15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

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All pick up/sampling fees have been noted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

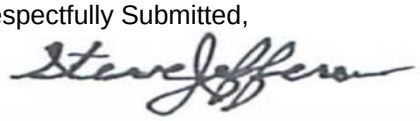
Attention: Ric Vardel
Report Date: 20-Sep-18 12:34
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18I0287-01) Collected: 13-Sep-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AI81407	2	19-Sep-18 (EA)	13 mg/l	
pH	SM4500-H-B	AI81406	0.1	13-Sep-18 (PL)	7.0 pH Units	
Residual Chlorine	SM 4500 Cl-G	AI81412	0.05	14-Sep-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AI81312	1.8	15-Sep-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AI81312	1.8	15-Sep-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 9/20/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18I0287

Customer: IPC, Inc.		**Project:** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** Golan Kfir	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: (Field) Lab
EFF	9/13/18	12:45	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.0/30.9°C
	"	"	1	BOD	Grab	AQ	1L P	4°C	Cl=ND
	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by GK	Golan IPC	9/13/18	1429
Received by	MARIO SANTIESTEBAN (PCL)	9/13/18	1428
Relinquished by	MARIO SANTIESTEBAN (PCL)	9/13/18	1629
Received by			
Relinquished by			
Received in lab by		9.13.18	1630

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	**Preservations**
Grab	HC - HCl
Comp	HS - H_2SO_4
Matrix	HN - HNO_3
AQ - Water	HP - H_3PO_4
SO - Soil / Sludge	OH - NaOH
OT - Other	ST - Sodium Thiosulfate
Bottle Type	AA - Ascorbic Acid
P - Plastic	Al - $AlCl_3$
G - Amber Glass	Cu - $CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

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The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

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PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

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6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public, or in the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such data where such standard was observed. PCL's reports and information provided thereon are for the exclusive use and benefit of Client and (or as agreed) those shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software, processes or other know-how.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, costs and associated expenses (including, but not limited to, attorneys' fees (the "Litigation Expenses") and awards arising in favor of Client or any third party, as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of Client's hazardous materials, 1. injury, disease or death of persons 2. Loss of, damage to, loss of, or loss of use of property and/or 3. Financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims (including all types of every kind and character) arising out of or in connection with the negligence or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, Client agrees that its indemnity obligations will be supported by available liability insurance coverage to be furnished by Client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption. Litigation Expenses or other fees including, without limitation, attorney's fees, court costs, and (or pre or post judgment interest), or any other expenses incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at Client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or upon a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by law or applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are referred through collection agencies or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedures or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for his own account, as client as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the issuing, amendment, renewal, or extension of any loan from any financial institution or other lender, or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less' samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 7-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 8 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

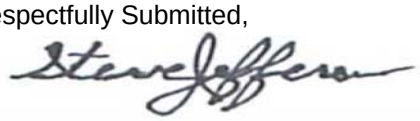
Attention: Ric Vardel
Report Date: 20-Sep-18 12:47
Subject: (MCC) Weekly INF

Project/P.O.#: (MCC) Weekly INF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
INF (Sample I.D.# : 18I0284-01) Collected: 13-Sep-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AI81407	2	19-Sep-18 (EA)	285 mg/l	
Total Suspended Solids	SM 2540D	AI81413	1	14-Sep-18 (EA)	241 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 9/20/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18I0284

Customer: IPC, Inc.		**Project:** (MCC) Weekly INF	
Address: 9297 Research Drive		**Sampled by:** Golan Kfir	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
INF	9/13/18	12:25	1	TSS	Grab	AQ	1L P	4°C	
	"	"	1	BOD	Grab	AQ	1L P	4°C	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by GK	Golan IPC	9/13/18	1418
Received by	MARIO SANTIESTEBAN (PCL)	9/13/18	1418
Relinquished by	MARIO SANTIESTEBAN (PCL)	9/13/18	1631
Received by			
Relinquished by			
Received in lab by	PL	9.13.18	1631

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or in the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parents harmless from and against any and all Liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to, attorneys fees (the Litigation Expenses) and awards, arising in favor of Client or any third party, as a result of, relative in any way accruing, incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, disease or death of persons; 2. loss of, damage to, loss of, or loss of use of property; and/or 3. financial loss of every kind or nature. This indemnity does not apply to any of the foregoing losses, costs, damages or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to and liability which the client might otherwise have in PCL and the other Indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive special, incidental or consequential damages including, without limitation, loss of profit or business interruption. Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post-judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, clients will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local law), rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

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Changes, modifications or amendments to the terms shall be effective or in writing and executed by an officer of PCL and by client/authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client in securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender of the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noticed on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 19-Sep-18 09:44
Subject: (MCC) Weekly EFF

Project/P.O.#: (MCC) Weekly EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18I0285-01) Collected: 13-Sep-18 By IPC						
Ammonia as N	EPA 350.1	AI81728	0.10	18-Sep-18 (SGS)	<0.10 mg/l	
Nitrate as N	EPA 353.2	AI81409	0.20	14-Sep-18 (LA)	4.39 mg/l	
Nitrite as N	EPA 353.2	AI81409	0.02	14-Sep-18 (LA)	<0.02 mg/l	
Total Kjeldahl Nitrogen	EPA 351.2	AI81726	0.10	18-Sep-18 (LA)	0.60 mg/l	
Total Suspended Solids	SM 2540D	AI81413	1	14-Sep-18 (EA)	<1 mg/l	

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 9/19/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18I0285

Customer: IPC, Inc.		**Project:** (MCC) Weekly EFF	
Address: 9297 Research Drive		**Sampled by:** Golan Kfir	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	9/13/18	12:45	1	TSS	Grab	AQ	1L P	4°C	
	"	"	1	NH4, TKN	Grab	AQ	500 P	HS	
	"	"	1	NO2, NO3	Grab	AQ	500 P	4°C	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by: GK	Golan IPC	9/13/18	1422
Received by: Mario Santiesteban	MARIO SANTIESTEBAN (PCL)	9/13/18	1422
Relinquished by: Mario Santiesteban	MARIO SANTIESTEBAN (PCL)	9/13/18	1631
Received by:			
Relinquished by:			
Received in lab by:	PCL	9.13.18	1670

Sample Received Checklist

Temperature upon receipt:	4
# of bottles agrees with COC?	Yes / No
Samples intact?	Yes / No
Samples properly preserved?	Yes / No
Samples in holding time?	Yes / No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions:-

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing its services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is for public, domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such data where such standard was observed. All reports and information provided hereunder are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any protocol or concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses, damages, claims, demands, causes of action, suits and associated expenses including, but not limited to, attorneys fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, disease or death of persons 2. loss of, damage to, loss of, or loss of use of property and/or 3. financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages or liabilities caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive special, incidental or consequential damages (including without limitation, loss of profit or business interruption) litigation, licenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any lab bacterial analysis client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect for the area of operations on the date the services were rendered or with price quotes and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or on a history of payment and/or credit approval has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoice. To the fullest extent permitted (if at all) by applicable law, any amount unpaid as the end of thirty (30) days is subject to accrue at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedures or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent, broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants and agrees that said data, information and reports are not requested, or shall be used to record upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 8 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

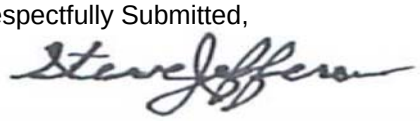
Attention: Ric Vardel
Report Date: 20-Sep-18 12:38
Subject: (MCC) Monthly EFF

Project/P.O.#: (MCC) Monthly EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18I0315-01) Collected: 14-Sep-18 By IPC						
Boron	EPA 200.7	AI81724	0.10	17-Sep-18 (AF)	1.18 mg/l	
MBAS	SM 5540C	AI81720	0.20	17-Sep-18 (PL)	<0.20 mg/l	
Oil & Grease (HEM)	EPA 1664A	AI81931	5	19-Sep-18 (PL)	<5 mg/l	
Phosphorus, Total as P	EPA 365.1	AI81926	0.03	19-Sep-18 (LA)	0.21 mg/l	
Total Dissolved Solids	SM 2540C	AI81836	5	20-Sep-18 (EA)	684 mg/l	
Chloride	EPA 300.0	AI81841	1.0	18-Sep-18 (AV)	167 mg/l	
Sulfate as SO4	EPA 300.0	AI81841	0.5	18-Sep-18 (AV)	124 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 9/20/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18I0315

Customer: IPC, Inc.

Project: (MCC) Monthly EFF

Address: 9297 Research Drive

Sampled by: JULIO LEAL

P.O. #:

Irvine CA 92618

Report Attention: Ric Vardel / Golan Kfir

Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	09-14-18	10:30	1	SO4, Cl, TDS	Grab	AQ	1/2 Gal. P	4°C	
			1	MBAS	Grab	AQ	500 P	4°C	
			1	Oil & Grease	Grab	AQ	1L G	HC	
			1	Boron	Grab	AQ	250 P	HN	
			1	T.Phos	Grab	AQ	250 P	4°C	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

Signature	Print Name (Company)	Date	Time
Relinquished by	JULIO LEAL	9-14-18	1303
Received by	MARIO SANTIESTEBAN (PCL)	9/14/18	1303
Relinquished by	MARIO SANTIESTEBAN (PCL)	9/14/18	1711
Received by			
Relinquished by			
Received in lab by		9.14.18	1711

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab Comp	HC - HCl HS - H_2SO_4 HN - HNO_3 HP - H_3PO_4 OH - NaOH ST - Sodium Thiosulfate AA - Ascorbic Acid AI - $AlCl_3$ Cu - $CuSO_4$
Matrix AQ - Water SO - Soil / Sludge OT - Other	
Bottle Type P - Plastic G - Amber Glass VOA - 40 ml Vial Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, costs and associated expenses including, but not limited to attorney fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. Injury, disease or death of persons 2. Loss of, damage to, loss of, or loss of use of property and or 3. Financial loss of every kind or character. This indemnity does not apply to any of the foregone losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have in PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

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For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (weather now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analyses, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedures or efforts.

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15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

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18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

CERES Analytical Laboratory, Inc.
4919 Windplay Dr. Suite 1, El Dorado Hills, CA 95762

September 29, 2018 Ceres ID: 12347

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

The following report contains the results for the one aqueous sample received on September 20, 2017. This sample was analyzed for 2,3,7,8-TCDD by EPA 1613B. Routine turn-around time was provided for this work.

This work was authorized under Pat-Chem Laboratories' Project # 18I033-01.

The report consists of a Cover Letter, Sample Inventory (Section I), Data Summary (Section II), Sample Tracking (Section VI), and Qualifiers/Abbreviations (Section VII). Raw Data (Section III), Continuing Calibration (Section IV), and Initial Calibration (Section V) are available in a full report (.pdf format) upon request.

If you have any questions regarding this report, please feel free to contact me at (916)932-5011.

Sincerely,



James M. Hedin
Director of Operations/CEO
jhedin@ceres-lab.com

Section I: Sample Inventory

Ceres Sample ID:	Sample ID	Date Received	Collection Date	&Time
12347-001	EFF 18I033-01	9/20/2018	9/14/2018	10:15

Section II: Data Summary

CERES Analytical Laboratory, Inc.
4919 Windplay Dr. Suite 1, El Dorado Hills, CA 95762

EPA Method 1613B

Quality Assurance Sample **Method Blank**	**QC Batch #:** 1863	**Date Received:** NA
	Matrix: Aqueous	**Date Extracted:** 9/27/2018
Project ID: 18I033-01	**Sample Size:** 1.000 L	**ZB-5MS Analysis:** 9/28/2018

Analyte	Conc. (pg/L)	MDL	RL	Qual.	Labeled Standards	% R	LCL-UCL (a)	Qualifiers
2,3,7,8-TCDD	DL= 1.96	1.49	5.00		13C-2378-TCDD	99.2	31-137	
					CRS			
					37Cl4-2378-TCDD	87.7	35-197	

DL - Signifies Non-Detect (ND) at sample specific detection limit.
EMPC - Estimated Maximum Possible Concentration due to ion abundance ratio failure.
(a) - Lower control limit - Upper control limit

Analyst: JMH **Reviewed by: BS**

CERES Analytical Laboratory, Inc.
4919 Windplay Dr. Suite 1, El Dorado Hills, CA 95762

EPA Method 1613B

Quality Assurance Sample **Ongoing Precision and Recovery**		**Date Received:** NA
	QC Batch #: 1863	**Date Extracted:** 9/27/2018
	Matrix: Aqueous	**ZB-5MS Analysis:** 9/28/2018
Project ID: 18I033-01	**Sample Size:** 1.000 L	

Analyte	Conc. (ng/mL)	Limits (a)	Labeled Standards	% Rec.	Limits (a)
2,3,7,8-TCDD	11.5	7.3-14.6	13C-2378-TCDD	103	25-141
			CRS		
			37Cl4-2378-TCDD	107	37-158

(a) Limits based on method acceptance criteria.

Analyst: JMH **Reviewed by: BS**

CERES Analytical Laboratory, Inc.
4919 Windplay Dr. Suite 1, El Dorado Hills, CA 95762

EPA Method 1613B

Client Sample ID: EFF 18I033-01		
Project ID: 18I033-01	**Ceres Sample ID:** 12347-001	**Date Received:** 9/20/2018
	QC Batch #: 1863	**Date Extracted:** 9/27/2018
Date Collected: 9/14/2018	**Matrix:** Aqueous	**ZB-5MS Analysis:** 9/28/2018
Time Collected: 10:15	**Sample Size:** 0.973 L	

Analyte	Conc. (pg/L)	MDL	RL	Qual.	Labeled Standards	% R	LCL-UCL (a)	Qualifiers
2,3,7,8-TCDD	DL= 2.40	1.49	5.14		13C-2378-TCDD	89.7	31-137	
					CRS			
					37Cl4-2378-TCDD	96.2	42-164	

DL - Signifies Non-Detect (ND) at sample specific detection limit.
EMPC - Estimated Maximum Possible Concentration due to ion abundance ratio failure.
(a) - Lower control limit - Upper control limit

Analyst: JMH **Reviewed by: BS**

Section VI: Sample Tracking

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: _____

Customer: Pat-Chem Laboratories		Project :	
Address: 1824 1st St.		Sampled by: Customer	P.O. #:
San Fernando CA 91340		Report Attention: Steve Jefferson	Phone #: 818-639-5300

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF 18I033-01	9/14/18	1015	1	Dioxins 2,3,7,8, TCCD	Grab	AQ	1L G	4°C	

Signature	Print Name (Company)	Date	Time
Relinquished by	DENBO	9/18/18	1000
Received by	Hedin Ceres	9/20/18	09:52
Relinquished by			
Received by			
Relinquished by			
Received in lab by			

Sample Received Checklist

Temperature upon receipt: _____

# of bottles agrees with COC?	Yes	No
Samples intact?	Yes	No
Samples properly preserved?	Yes	No
Samples in holding time?	Yes	No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Sample Receipt Check List Logged by: JL (initials)

Ceres ID: 12347	Date/Time: 9/20/18 09:52
Client Project ID: 18I033-01	Received Temp: 3.2 °C Acceptable: (Y) / N
Chain of Custody Relinquished by signed?	(Y) / N
Chain of Custody Received by signed?	(Y) / N
Custody Seals? Present?	Y / N
Intact?	Y / N
NA:	(NA)
Unlabeled / Illegible Samples	Y / (N)
Proper Containers:	(Y) / N
Preservation Acceptable (Chemical or Temperature)?	(Y) / N
Drinking Water, Sodium Thiosulfate present?	Y / (N) / NA
Residual Cl?	Y / (N)
Aqueous sample pH: 6.5	

List COC discrepancies:

JL 9/20/18

List Damaged Samples:

JL 9/20/18

Section VII: Qualifiers/Abbreviations

J	Concentration found below the lower quantitation limit but greater than zero.
B	Analyte present in the associated Method Blank.
E	Concentration found exceeds the Calibration range of the HRGC/HRMS.
D	This analyte concentration was calculated from a dilution.
X	The concentration found is the estimated maximum possible concentration due to chlorinated diphenyl ethers present in the sample.
H	Recovery limits exceeded. See cover letter.
*****	Results taken from dilution.
I	Interference. See cover letter.
Conc.	Concentration Found
DL	Calculated Detection Limit
ND	Non-Detect
% Rec.	Percent Recovery

LA Testing
520 Mission Street South Pasadena, CA 91030
Phone/Fax: (323) 254-9960 / (323) 254-9982
http://www.LATesting.com / pasadenalab@latesting.com

LA Testing Order ID: 321821281
Customer ID: PTCM42
Customer PO:
Project ID:

Attn: Steve Jefferson
Pat Chem Laboratories
1824 1st St
San Fernando, CA 91340

Phone: (805) 532-0012
Fax:
Collected: 09/14/2018
Received: 09/17/2018
Analyzed: 09/30/2018

Proj: 18I0313

Test Report: Determination of Asbestos Structures >10µm in Drinking Water Performed by the 100.2 Method (EPA 600/R-94/134)

					ASBESTOS				
Sample ID Client / EMSL	***Sample Filtration Date/Time***	***Original Sample Vol. Filtered (ml)***	***Effective Filter Area (mm²)***	***Area Analyzed (mm²)***	*Asbestos Types*	*Fibers Detected*	*Analytical Sensitivity*	*Concentration*	*Confidence Limits*
							MFL (million fibers per liter)		
18I0313-01 321821281-0001	9/18/2018 04:25 PM	100	1288	0.0645	None Detected	ND	0.20	<0.20	0.00 - 0.74

Sample ozonated prior to analysis due to lab receipt time exceeding 48hr method hold time.

Analyst(s)
Sherrie Ahmad (1)

Jerry Drapala Ph.D, Laboratory Manager
or Other Approved Signatory

Any questions please contact Jerry Drapala.

Initial report from: 09/30/2018 16:23:17

Sample collection and containers provided by the client, acceptable bottle blank level is defined as ≤0.01MFL>10um. ND=None Detected. This report relates only to those items tested. This report may not be reproduced, except in full, without written permission by LA Testing. Samples received in good condition unless otherwise noted.

Samples analyzed by LA Testing South Pasadena, CA CA ELAP 2283

NORTH COAST LABORATORIES LTD.

October 18, 2018

Pat-Chem Laboratories
1824 1st St.
San Fernando, CA 93340

Attn: Stephen Berensten

RE:

Order No.: 1809396
Invoice No.: 142826
PO No.:
ELAP No.1247-Expires July 2020

SAMPLE IDENTIFICATION

Fraction	Client Sample Description
01A	EFF 18IO313
01B	EFF 18IO313
01C	EFF 18IO313

ND = Not Detected at the Reporting Limit

Limit = Reporting Limit

Flag = Explanation in Case Narrative

All solid results are expressed on a wet-weight basis unless otherwise noted.

Approved for release by:

Roxanne Moore, Project Manager

Date: 19-Oct-2018
WorkOrder: 1809396

CASE NARRATIVE

EPA 549.2:
Diquat strongly adsorbs to soil particles that are suspended in water. The strong chemical bonds make the herbicide chemically inactive. When bound with soil particles, the extraction procedure for method EPA 549.2 is ineffective at isolating the bound diquat. Any reported diquat represents the dissolved analyte in the water that has not been bound to the soil particles.

The laboratory control sample duplicate (LCSD) recovery was below the lower acceptance limit for diquat. The response of the reporting limit standard was such that the analyte would have been detected even with the low recovery; therefore, the data were accepted.

The relative percent difference (RPD) between the laboratory control samples was above the acceptance limit for diquat. This indicates that the sample results could be variable. Since there were no detectable levels of analyte in the sample, the data were accepted.

EPA 548:
Due to quality control sample failures in the first analysis, the sample was re-extracted after the extraction holding time had expired.

The endothall recovery for the matrix spike (MS) was below the lower acceptance limit. The recovery was within acceptance limits in the laboratory control sample/laboratory control sample duplicate (LCS/LCSD) indicating that the low recovery may be due to matrix effects.

The surrogate recoveries were below the lower acceptance limit in sample EFF 18IO313 and the sample matrix spike. This indicates the low recoveries may be due to sample matrix interference.

Date: 18-Oct-2018
WorkOrder: 1809396

ANALYTICAL REPORT

Client Sample ID: EFF 18IO313 **Received:** 9/20/2018
Lab ID: 1809396-01A **Collected:** 9/14/2018 10:15

Test Name: Endothall **Reference:** EPA 548.1

Parameter	Result	Flag	Limit	Units	DF	Extracted	Analyzed
Endothall	ND	X	45	µg/L	1.0	10/1/2018	10/12/2018
Surrogate: 2,3-D	70.8		78-117	% Rec	1.0	10/1/2018	10/12/2018

Client Sample ID: EFF 18IO313 **Received:** 9/20/2018
Lab ID: 1809396-01B **Collected:** 9/14/2018 10:15

Test Name: EPA 549.2 **Reference:** EPA 549.2

Parameter	Result	Flag	Limit	Units	DF	Extracted	Analyzed
Diquat (dissolved)	ND		0.40	µg/L	1.0	9/21/2018	9/25/2018

Client Sample ID: EFF 18IO313 **Received:** 9/20/2018
Lab ID: 1809396-01C **Collected:** 9/14/2018 10:15

Test Name: Glyphosate **Reference:** EPA 547

Parameter	Result	Flag	Limit	Units	DF	Extracted	Analyzed
Glyphosate	ND		5.0	µg/L	1.0	9/25/2018	9/25/2018

North Coast Laboratories, Ltd.

Date: 10/18/2018

CLIENT: Pat-Chem Laboratories
Work Order: 1809396
Project:

QC SUMMARY REPORT

Method Blank

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Sample ID **MB-092518** Batch ID: **R96951** Test Code: **547W** Units: **µg/L** Analysis Date **9/25/2018 1:09:22 PM** Prep Date **9/25/2018**											
Client ID: Run ID: **ORLC9_180925A** SeqNo: **1378966**											
Glyphosate	ND	5.0									
Sample ID **MB-36589** Batch ID: **36589** Test Code: **548W** Units: **µg/L** Analysis Date **10/12/2018 7:23:36 PM** Prep Date **10/1/2018**											
Client ID: Run ID: **ORGC14_181012A** SeqNo: **1381715**											
Endothall	ND	45									
Surrogate: 2,3-D	234	0.10	250	0	93.6%	78	117	0			
Sample ID **MB-36558** Batch ID: **36558** Test Code: **549W** Units: **µg/L** Analysis Date **9/25/2018 6:50:21 PM** Prep Date **9/21/2018**											
Client ID: Run ID: **ORLC8_180925A** SeqNo: **1378704**											
Diquat (dissolved)	ND	0.40									

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

North Coast Laboratories, Ltd.

Date: 10/18/2018

CLIENT: Pat-Chem Laboratories
Work Order: 1809396
Project:

QC SUMMARY REPORT

Sample Matrix Spike

Sample ID **1809396-01AMS** Batch ID: **36589** Test Code: **548W** Units: **µg/L** Analysis Date **10/12/2018 8:23:44 PM** Prep Date **10/1/2018**

Client ID: **EFF 18IO313** Run ID: **ORGC14_181012A** SeqNo: **1381718**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Endothall	40.20	45	225	0	17.9%	61	114	0			JS
Surrogate: 2,3-D	173	0.10	250	0	69.2%	78	117	0			S

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

North Coast Laboratories, Ltd.

Date: 10/18/2018

CLIENT: Pat-Chem Laboratories
Work Order: 1809396
Project:

QC SUMMARY REPORT

Laboratory Control Spike

Sample ID **LCS-092518** Batch ID: **R96951** Test Code: **547W** Units: **µg/L** Analysis Date **9/25/2018 1:31:08 PM** Prep Date **9/25/2018**
Client ID: Run ID: **ORLC9_180925A** SeqNo: **1378967**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Glyphosate	43.05	5.0	50.0	0	86.1%	80	118	0			

Sample ID **LCSD-092518** Batch ID: **R96951** Test Code: **547W** Units: **µg/L** Analysis Date **9/25/2018 1:52:56 PM** Prep Date **9/25/2018**
Client ID: Run ID: **ORLC9_180925A** SeqNo: **1378968**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Glyphosate	48.30	5.0	50.0	0	96.6%	80	118	43.0	11.5%	30	

Sample ID **LCS-36589** Batch ID: **36589** Test Code: **548W** Units: **µg/L** Analysis Date **10/12/2018 7:43:40 PM** Prep Date **10/1/2018**
Client ID: Run ID: **ORGC14_181012A** SeqNo: **1381716**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Endothall	184.5	45	225	0	82.0%	61	114	0			
Surrogate: 2,3-D	235	0.10	250	0	94.2%	78	117	0			

Sample ID **LCSD-36589** Batch ID: **36589** Test Code: **548W** Units: **µg/L** Analysis Date **10/12/2018 8:03:39 PM** Prep Date **10/1/2018**
Client ID: Run ID: **ORGC14_181012A** SeqNo: **1381717**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Endothall	187.9	45	225	0	83.5%	61	114	184	1.81%	30	
Surrogate: 2,3-D	230	0.10	250	0	91.9%	78	117	235	2.44%	30	

Sample ID **LCS-36558** Batch ID: **36558** Test Code: **549W** Units: **µg/L** Analysis Date **9/25/2018 7:01:05 PM** Prep Date **9/21/2018**
Client ID: Run ID: **ORLC8_180925A** SeqNo: **1378705**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diquat (dissolved)	1.493	0.40	2.00	0	74.6%	70	130	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Pat-Chem Laboratories
Work Order: 1809396
Project:

QC SUMMARY REPORT

Laboratory Control Spike Duplicate

Sample ID **LCSD-36558** Batch ID: **36558** Test Code: **549W** Units: **µg/L** Analysis Date **9/25/2018 7:11:50 PM** Prep Date **9/21/2018**
Client ID: Run ID: **ORLC8_180925A** SeqNo: **1378706**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diquat (dissolved)	1.059	0.40	2.00	0	53.0%	70	130	1.49	34.0%	30	SR

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample 1809396

Sample I.D.#: _____

Customer: Pat-Chem Laboratories		Project :	
Address: 1824 1st St.		Sampled by: Customer	P.O. #:
San Fernando CA 91340		Report Attention: Steve Jefferson	Phone #: 818-639-5300

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF 1809396-01	9/14/18	1015	1	548 Endothall	Grab	AQ	1L G	4°C	
			1	549 Diquat	Grab	AQ	1L G	4°C	
			1	Glyphosate	Grab	AQ	1L G	4°C	

	Signature	Print Name (Company)	Date	Time
Relinquished by		Pat-Chem	9/18/18	1000
Received by		Ron Cerady	9/20/18	1355
Relinquished by				
Received by				
Relinquished by				
Received in lab by				

Sample Received Checklist

Temperature upon receipt: 2.2°C

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

October 12, 2018

Pat-Chem Laboratories
1824 1st St
San Fernando, CA 91340

Lab ID : SP 1812465
Customer : 2-12670

Laboratory Report

Introduction: This report package contains total of 7 pages divided into 3 sections:

Case Narrative	(2 pages)	: An overview of the work performed at FGL.
Sample Results	(2 pages)	: Results for each sample submitted.
Quality Control	(3 pages)	: Supporting Quality Control (QC) results.

Case Narrative

This Case Narrative pertains to the following samples:

Sample Description	Date Sampled	Date Received	FGL Lab ID #	Matrix
EFF	09/14/2018	09/18/2018	SP 1812465-001	W

Sampling and Receipt Information: All samples were received in acceptable condition and within temperature requirements, unless noted on the Condition Upon Receipt (CUR) form. All samples arrived on ice. All samples were prepared and analyzed within the method specified hold time. All samples were checked for pH if acid or base preservation is required (except for VOAs). For details of sample receipt information, please see the attached Chain of Custody and Condition Upon Receipt Form.

Quality Control: All samples were prepared and analyzed according to the following tables:

Radio QC

900.0	10/08/2018:214296 All analysis quality controls are within established criteria.
	09/24/2018:211394 All preparation quality controls are within established criteria, except: The following note applies to Gross Alpha, Gross Beta: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
903.0	10/02/2018:214460 All analysis quality controls are within established criteria.
	09/25/2018:211487 All preparation quality controls are within established criteria.
905.0	10/01/2018:214539 All analysis quality controls are within established criteria.
	09/24/2018:211418 All preparation quality controls are within established criteria.
906.0	09/27/2018:214311 All analysis quality controls are within established criteria.

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October 12, 2018 Lab ID : SP 1812465
Pat-Chem Laboratories Customer : 2-12670

Radio QC

906.0	09/26/2018:211526 All preparation quality controls are within established criteria.
908.0	10/01/2018:214401 All analysis quality controls are within established criteria.
	09/27/2018:211588 All preparation quality controls are within established criteria.
Ra - 05	10/10/2018:214997 All analysis quality controls are within established criteria.
	10/04/2018:211427 All preparation quality controls are within established criteria.

Inorganic - Wet Chemistry QC

314.0	09/27/2018:214292 All analysis quality controls are within established criteria, except: The following note applies to Perchlorate: 360 ICV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
	09/27/2018:211640 All preparation quality controls are within established criteria.

Certification:: I certify that this data package is in compliance with ELAP standards, both technically and for completeness, except for any conditions listed above. Release of the data contained in this data package is authorized by the Laboratory Director or his designee, as verified by the following electronic signature.

KD:DMB

Approved By **Kelly A. Dunnahoo, B.S.** Digitally signed by Kelly A. Dunnahoo, B.S.
Title: Laboratory Director
Date: 2018-10-15

October 12, 2018

Pat-Chem Laboratories
1824 1st St
San Fernando, CA 91340

Description : EFF
Project : EFF

Lab ID : SP 1812465-001
Customer ID : 2-12670

Sampled On : September 14, 2018-10:15
Sampled By : Customer
Received On : September 18, 2018-11:53
Matrix : Water

Sample Result - Inorganic

Constituent	Result	PQL	Units	Note	Sample Preparation Method	Sample Preparation Date/ID	Sample Analysis Method	Sample Analysis Date/ID
Wet Chemistry								
Perchlorate	ND	2	ug/L		314.0	09/27/18:211640	314.0	09/27/18:214292

ND=Non-Detected. PQL=Practical Quantitation Limit. * PQL adjusted for dilution.

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October 12, 2018

Pat-Chem Laboratories
1824 1st St
San Fernando, CA 91340

Lab ID : SP 1812465-001
Customer ID : 2-12670

Sampled On : September 14, 2018-10:15
Sampled By : Customer
Received On : September 18, 2018-11:53
Matrix : Water

Description : EFF
Project : EFF

Sample Result - Radio

Constituent	Result ± Error	MDA	Units	MCL/AL	Sample Preparation Method	Sample Preparation Date/ID	Sample Analysis Method	Sample Analysis Date/ID
Radio Chemistry								
Gross Alpha	3.47 ± 1.41	1.25	pCi/L	15/5	900.0	09/24/18-12:35 2P1811394	900.0	10/08/18-13:32 2A1814296
Gross Beta	13.0 ± 1.71	1.26	pCi/L	50	900.0	09/24/18-12:35 2P1811394	900.0	10/08/18-13:32 2A1814296
Strontium 90	0.104 ± 0.234	0.546	pCi/L	8	905.0	09/24/18-18:00 2P1811418	905.0	10/01/18-18:30 2A1814539
Total Alpha Radium (226)	0.000 ± 0.102	0.304	pCi/L	3	903.0	09/25/18-18:30 2P1811487	903.0	10/02/18-11:42 2A1814460
Tritium	0.000 ± 268	434	pCi/L	20000	906.0	09/26/18-13:00 2P1811526	906.0	09/27/18-15:22 2A1814311
Uranium	0.000 ± 0.629	0.342	pCi/L	20	908.0	09/27/18-13:00 2P1811588	908.0	10/01/18-12:34 2A1814401
Ra 228	0.000 ± 0.590	0.384	pCi/L	2	Ra - 05	10/04/18-18:00 2P1811427	Ra - 05	10/10/18-18:40 2A1814997

ND=Non-Detected. PQL=Practical Quantitation Limit. * PQL adjusted for dilution.

MDA = Minimum Detectable Activity (Calculated at the 95% confidence level) = Data utilized by DHS to determine matrix interference.
MCL / AL = Maximum Contamination Level / Action Level. Alpha's Action Level of 5 pCi/L is based on the Assigned Value (AV).
AV = Assigned Value(Gross Alpha Result + (0.84 x Error)). CCR Section 64442: Drinking Water Compliance Note: Do the following
If Gross Alpha's (AV) exceeds 5 pCi/L run Uranium. If Gross Alpha's (AV) minus Uranium exceeds 5 pCi/L run Radium 226.

Drinking Water Compliance:
Gross Alpha (AV) minus Uranium is less than or equal to 15 pCi/L
Uranium is less than or equal to 20 pCi/L
Radium 226 + Radium 228 is less than or equal to 5 pCi/L

Note: Samples are held for 3-6 months prior to disposal.

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October 12, 2018 Lab ID : SP 1812465
Pat-Chem Laboratories Customer : 2-12670

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem								
Perchlorate	314.0	09/27/18:211640MCA	Blank	ug/L		ND	<2	
			LCS	ug/L	25.00	104 %	85-115	
			MS	ug/L	25.00	88.8 %	80-120	
		(SP 1812253-001)	MSD	ug/L	25.00	85.6 %	80-120	
			MSRPD	ug/L	25.00	3.7%	≤15	
	314.0	09/27/18:214292MCA	ICB	ppb		0.00	2.0	
			ICV	ppb	2.000	116 %	85-115	360
			CCB	ppb		0.00	2.0	
			CCV	ppb	10.00	105 %	85-115	

Definition

ICV	: Initial Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
ICB	: Initial Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
CCV	: Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
CCB	: Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
Blank	: Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
LCS	: Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.
MS	: Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
MSD	: Matrix Spike Duplicate of MS/MSD pair - A random sample duplicate is spiked with a known amount of analyted. The recoveries are an indication of how that sample matrix affects analyte recovery.
MSRPD	: MS/MSD Relative Percent Difference (RPD) - The MS relative percent difference is an indication of precision for the preparation and analysis.
ND	: Non-detect - Result was below the DQO listed for the analyte.
DQO	: Data Quality Objective - This is the criteria against which the quality control data is compared.

Explanation

360	: ICV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.

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October 12, 2018 Lab ID : SP 1812465

Pat-Chem Laboratories Customer : 2-12670

Quality Control - Radio

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Radio								
Alpha	900.0	10/08/18:214296AAT	CCV	cpm	8418	40.7 %	35-47	
			CCB	cpm		0.1200	0.18	
Beta	900.0	10/08/18:214296AAT	CCV	cpm	8418	88.8 %	83-94	
			CCB	cpm		0.4000	0.48	
Gross Alpha	900.0	09/24/18:211394iwc	Blank	pCi/L		0.87	3	
			LCS	pCi/L	108.2	99.4 %	75-125	
			MS	pCi/L	108.2	152 %	60-140	435
		(SP 1812768-001)	MSD	pCi/L	108.2	201 %	60-140	435
			MSRPD	pCi/L	No Ref.	27.7%	≤30	
Gross Beta	900.0	09/24/18:211394iwc	Blank	pCi/L		0.50	4	
			LCS	pCi/L	69.89	124 %	84-160	
			MS	pCi/L	69.89	104 %	80-130	
		(SP 1812768-001)	MSD	pCi/L	69.89	76.7 %	80-130	435
			MSRPD	pCi/L	No Ref.	29.8%	≤30	
Alpha	903.0	10/02/18:214460AAT	CCV	cpm	8415	39.7 %	37-46	
			CCB	cpm		0.0800	0.12	
Total Alpha Radium (226)	903.0	09/25/18:211487emv	RgBlk	pCi/L		0.06	2	
			LCS	pCi/L	24.20	84.6 %	52-107	
			BS	pCi/L	24.20	86.7 %	43-111	
			BSD	pCi/L	24.20	83.9 %	43-111	
			BSRPD	pCi/L	24.20	3.2%	≤35.5	
Beta	905.0	10/01/18:214539emv	CCV	cpm	8417	88.7 %	85-93	
			CCB	cpm		0.3800	0.58	
Total Strontium	905.0	09/24/18:211418emv	RgBlk	pCi/L		0.17	2	
			LRS	pCi/L	17.78	118 %	53-133	
			BS	pCi/L	17.77	89.4 %	75-125	
			BSD	pCi/L	17.77	93.1 %	75-125	
			BSRPD	pCi/L	17.77	4.0%	≤20	
Tritium	906.0	09/26/18:211526aat	Blank	pCi/L		102	<300	
			LCS	pCi/L	1711	97.1 %	75-125	
			BS	pCi/L	1711	78.8 %	75-125	
			BSD	pCi/L	1711	78.9 %	75-125	
			BSRPD	pCi/L	1711	1.8	≤300	
	906.0	09/27/18:214311aat	CCV	pCi/L	26870	103 %	90-110	
			CCB	pCi/L		214	500	
Alpha	908.0	10/01/18:214401AAT	CCV	cpm	8416	38.9 %	36-45	
			CCB	cpm		0.0200	0.12	
Uranium	908.0	09/27/18:211588aat	RgBlk	pCi/L		0.59	1	
			LRS	pCi/L	26.84	78.3 %	54-105	
			BS	pCi/L	26.84	91.4 %	75-125	
			BSD	pCi/L	26.84	88.8 %	75-125	
			BSRPD	pCi/L	26.84	2.8%	≤20	
Beta	Ra - 05	10/10/18:214997emv	CCV	cpm	8409	88.7 %	84-94	
			CCB	cpm		0.4000	0.51	
Ra 228	Ra - 05	10/04/18:211427emv	RgBlk	pCi/L		0.003	3	
			LRS	pCi/L	31.30	69.6 %	65-108	
			BS	pCi/L	31.30	94.7 %	75-125	
			BSD	pCi/L	31.30	99.3 %	75-125	
			BSRPD	pCi/L	31.30	4.8%	≤25	

Definition

CCV : Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
CCB : Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
Blank : Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
RgBlk : Method Reagent Blank - Prepared to correct for any reagent contributions to sample result.
LCS : Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.

October 12, 2018 Lab ID : SP 1812465

Pat-Chem Laboratories Customer : 2-12670

Quality Control - Radio

Definition	
LRS	: Laboratory Recovery Standard - Prepared to establish the batch recovery factor used in result calculations.
MS	: Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
MSD	: Matrix Spike Duplicate of MS/MSD pair - A random sample duplicate is spiked with a known amount of analyted. The recoveries are an indication of how that sample matrix affects analyte recovery.
BS	: Blank Spikes - A blank is spiked with a known amount of analyte. It is prepared to verify that the preparation process is not affecting analyte recovery.
BSD	: Blank Spike Duplicate of BS/BSD pair - A blank duplicate is spiked with a known amount of analyte. It is prepared to verify that the preparation process is not affecting analyte recovery.
MSRPD	: MS/MSD Relative Percent Difference (RPD) - The MS relative percent difference is an indication of precision for the preparation and analysis.
BSRPD	: BS/BSD Relative Percent Difference (RPD) - The BS relative percent difference is an indication of precision for the preparation and analysis.
ND	: Non-detect - Result was below the DQO listed for the analyte.
DQO	: Data Quality Objective - This is the criteria against which the quality control data is compared.
Explanation	
435	: Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.

PAT-CHEM LABORATORIES
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(818) 639-5306 fx
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Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 30-Oct-18 11:01
Subject: (MCC) Quarterly

Project/P.O.#: (MCC) Quarterly

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18I0313-01) Collected: 14-Sep-18 By IPC						
Silver	EPA 200.8	AI81306	0.2	18-Sep-18 (AF)	<0.2 ug/l	
Aluminum	EPA 200.8	AI81306	5.0	18-Sep-18 (AF)	83 ug/l	
Arsenic	EPA 200.8	AI81306	0.5	18-Sep-18 (AF)	1.0 ug/l	
Barium	EPA 200.8	AI81306	0.5	18-Sep-18 (AF)	6.3 ug/l	
Beryllium	EPA 200.8	AI81306	0.2	18-Sep-18 (AF)	<0.2 ug/l	
Cadmium	EPA 200.8	AI81306	0.2	18-Sep-18 (AF)	<0.2 ug/l	
Chromium	EPA 200.8	AI81306	0.2	18-Sep-18 (AF)	4.1 ug/l	
Copper	EPA 200.8	AI81306	0.2	18-Sep-18 (AF)	2.4 ug/l	
Iron	EPA 200.7	AI81724	0.02	17-Sep-18 (AF)	0.09 mg/l	
Mercury	EPA 245.1	AI81932	0.20	19-Sep-18 (AF)	<0.20 ug/l	
Manganese	EPA 200.8	AI81306	0.5	18-Sep-18 (AF)	3.7 ug/l	
Nickel	EPA 200.8	AI81306	0.5	18-Sep-18 (AF)	4.7 ug/l	
Lead	EPA 200.8	AI81306	0.2	18-Sep-18 (AF)	<0.2 ug/l	
Antimony	EPA 200.8	AI81306	1.0	18-Sep-18 (AF)	<1.0 ug/l	
Selenium	EPA 200.8	AI81306	2.0	18-Sep-18 (AF)	2.9 ug/l	
Thallium	EPA 200.8	AI81306	1.0	18-Sep-18 (AF)	<1.0 ug/l	
Uranium	EPA 200.8	AI81306	1.0	18-Sep-18 (AF)	<1.0 ug/l	
Zinc	EPA 200.8	AI81306	1.0	18-Sep-18 (AF)	16 ug/l	
1,2-Dibromoethane (EDB)	EPA 504.1	AI82633	0.02	19-Oct-18 (SJ)	<0.02 ug/l	
1,2-Dibromo-3-Chloropropane (DBCP)	EPA 504.1	AI82633	0.01	19-Oct-18 (SJ)	<0.01 ug/l	
Bis(2-ethylhexyl)phthalate	EPA 506	AI81832	2.0	05-Oct-18 (SJ)	<2.0 ug/l	
Bis(2-ethylhexyl)adipate	EPA 506	AI81832	2.0	05-Oct-18 (SJ)	<2.0 ug/l	
Surrogate: o-Terphenyl	*EPA 506*	*AI81832*		*05-Oct-18 (SJ)*	*69.3 % (50-120)*	
Alachlor	EPA 507	AI81722	0.2	19-Oct-18 (SJ)	<0.2 ug/l	
Atrazine	EPA 507	AI81722	0.2	19-Oct-18 (SJ)	<0.2 ug/l	
Molinate	EPA 507	AI81722	0.2	19-Oct-18 (SJ)	<0.2 ug/l	
Simazine	EPA 507	AI81722	0.2	19-Oct-18 (SJ)	<0.2 ug/l	
Thiobencarb (Bolero)	EPA 507	AI81722	0.2	19-Oct-18 (SJ)	<0.2 ug/l	

Respectfully Submitted,

Steve Jefferson 10/30/2018
Laboratory Director

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Report Date: 30-Oct-18 11:01
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Project/P.O.#: (MCC) Quarterly

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18I0313-01) Collected: 14-Sep-18 By IPC						
Surrogate: 1,3-Dimethyl-2-nitrobenzei	*EPA 507*	*AI81722*		*19-Oct-18 (SJ)*	*72.2 % (40-120)*	
Gamma-BHC(Lindane)	EPA 508	AI81723	0.01	12-Oct-18 (SJ)	<0.01 ug/l	
Heptachlor	EPA 508	AI81723	0.01	12-Oct-18 (SJ)	<0.01 ug/l	
Heptachlor Epoxide	EPA 508	AI81723	0.01	12-Oct-18 (SJ)	<0.01 ug/l	
Endrin	EPA 508	AI81723	0.01	12-Oct-18 (SJ)	<0.01 ug/l	
Methoxychlor	EPA 508	AI81723	0.05	12-Oct-18 (SJ)	<0.05 ug/l	
Hexachlorocyclopentadiene	EPA 508	AI81723	1.0	12-Oct-18 (SJ)	<1.0 ug/l	
Hexachlorobenzene	EPA 508	AI81723	0.5	12-Oct-18 (SJ)	<0.5 ug/l	
Chlordane	EPA 508	AI81723	0.1	12-Oct-18 (SJ)	<0.1 ug/l	
Toxaphene	EPA 508	AI81723	0.5	12-Oct-18 (SJ)	<0.5 ug/l	
Aroclor 1016	EPA 508	AI81723	0.5	12-Oct-18 (SJ)	<0.5 ug/l	
Aroclor 1221	EPA 508	AI81723	0.5	12-Oct-18 (SJ)	<0.5 ug/l	
Aroclor 1232	EPA 508	AI81723	0.5	12-Oct-18 (SJ)	<0.5 ug/l	
Aroclor 1242	EPA 508	AI81723	0.5	12-Oct-18 (SJ)	<0.5 ug/l	
Aroclor 1248	EPA 508	AI81723	0.5	12-Oct-18 (SJ)	<0.5 ug/l	
Aroclor 1254	EPA 508	AI81723	0.5	12-Oct-18 (SJ)	<0.5 ug/l	
Aroclor 1260	EPA 508	AI81723	0.5	12-Oct-18 (SJ)	<0.5 ug/l	
Surrogate: Tetrachloro-m-xylene	*EPA 508*	*AI81723*		*12-Oct-18 (SJ)*	*57.0 % (50-120)*	
Surrogate: Decachlorobiphenyl	*EPA 508*	*AI81723*		*12-Oct-18 (SJ)*	*75.0 % (50-120)*	
Bentazon	EPA 515.1	AI82423	0.2	01-Oct-18 (SJ)	<0.2 ug/l	
2,4-D	EPA 515.1	AI82423	0.2	01-Oct-18 (SJ)	<0.2 ug/l	
Dalapon	EPA 515.1	AI82423	2.0	01-Oct-18 (SJ)	<2.0 ug/l	
Dinoseb	EPA 515.1	AI82423	0.2	01-Oct-18 (SJ)	<0.2 ug/l	
Pentachlorophenol (PCP)	EPA 515.1	AI82423	0.2	01-Oct-18 (SJ)	<0.2 ug/l	
Picloram	EPA 515.1	AI82423	0.2	01-Oct-18 (SJ)	<0.2 ug/l	
2,4,5-TP	EPA 515.1	AI82423	0.2	01-Oct-18 (SJ)	<0.2 ug/l	
Surrogate: 2,4-DCAA	*EPA 515.1*	*AI82423*		*01-Oct-18 (SJ)*	*77.4 % (60-140)*	

Respectfully Submitted,



Steve Jefferson 10/30/2018
Laboratory Director

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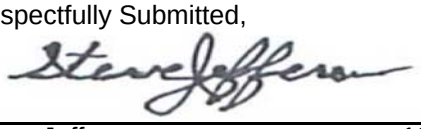
Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 30-Oct-18 11:01
Subject: (MCC) Quarterly

Project/P.O.#: (MCC) Quarterly

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18I0313-01) Collected: 14-Sep-18 By IPC						
Benzene	EPA 524.2	AI82820	0.5	28-Sep-18 (SJ)	<0.5 ug/l	
Bromodichloromethane	EPA 524.2	AI82820	0.5	28-Sep-18 (SJ)	<0.5 ug/l	
Bromoform	EPA 524.2	AI82820	0.5	28-Sep-18 (SJ)	<0.5 ug/l	
Carbon tetrachloride	EPA 524.2	AI82820	0.5	28-Sep-18 (SJ)	<0.5 ug/l	
c-1,3-Dichloropropene	EPA 524.2	AI82820	0.5	28-Sep-18 (SJ)	<0.5 ug/l	
cis-1,2-Dicholoroethene	EPA 524.2	AI82820	0.5	28-Sep-18 (SJ)	<0.5 ug/l	
Chlorobenzene	EPA 524.2	AI82820	0.5	28-Sep-18 (SJ)	<0.5 ug/l	
Chloroform	EPA 524.2	AI82820	0.5	28-Sep-18 (SJ)	<0.5 ug/l	
Dibromochloromethane	EPA 524.2	AI82820	0.5	28-Sep-18 (SJ)	<0.5 ug/l	
1,2-Dichlorobenzene	EPA 524.2	AI82820	0.5	28-Sep-18 (SJ)	<0.5 ug/l	
1,4-Dichlorobenzene	EPA 524.2	AI82820	0.5	28-Sep-18 (SJ)	<0.5 ug/l	
1,2-Dichloroethane	EPA 524.2	AI82820	0.5	28-Sep-18 (SJ)	<0.5 ug/l	
1,1-Dichloroethane	EPA 524.2	AI82820	0.5	28-Sep-18 (SJ)	<0.5 ug/l	
1,3-Dichloropropane	EPA 524.2	AI82820	0.5	28-Sep-18 (SJ)	<0.5 ug/l	
1,2-Dichloropropane	EPA 524.2	AI82820	0.5	28-Sep-18 (SJ)	<0.5 ug/l	
Ethylbenzene	EPA 524.2	AI82820	0.5	28-Sep-18 (SJ)	<0.5 ug/l	
Methyl tert-butyl ether	EPA 524.2	AI82820	0.5	28-Sep-18 (SJ)	<0.5 ug/l	
Methylene chloride	EPA 524.2	AI82820	0.5	28-Sep-18 (SJ)	<0.5 ug/l	
Styrene	EPA 524.2	AI82820	0.5	28-Sep-18 (SJ)	<0.5 ug/l	
t-1,2-Dichloroethene	EPA 524.2	AI82820	0.5	28-Sep-18 (SJ)	<0.5 ug/l	
t-1,3-Dichloropropene	EPA 524.2	AI82820	0.5	28-Sep-18 (SJ)	<0.5 ug/l	
1,1,2,2-Tetrachloroethane	EPA 524.2	AI82820	0.5	28-Sep-18 (SJ)	<0.5 ug/l	
Tetrachloroethene	EPA 524.2	AI82820	0.5	28-Sep-18 (SJ)	<0.5 ug/l	
Toluene	EPA 524.2	AI82820	0.5	28-Sep-18 (SJ)	<0.5 ug/l	
1,2,4-Trichlorobenzene	EPA 524.2	AI82820	0.5	28-Sep-18 (SJ)	<0.5 ug/l	
1,1,1-Trichloroethane	EPA 524.2	AI82820	0.5	28-Sep-18 (SJ)	<0.5 ug/l	
1,1,2-Trichloroethane	EPA 524.2	AI82820	0.5	28-Sep-18 (SJ)	<0.5 ug/l	
Trichloroethene	EPA 524.2	AI82820	0.5	28-Sep-18 (SJ)	<0.5 ug/l	
Trichlorofluoromethane (Freon 11)	EPA 524.2	AI82820	0.5	28-Sep-18 (SJ)	<0.5 ug/l	

Respectfully Submitted,



Steve Jefferson 10/30/2018
Laboratory Director

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Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 30-Oct-18 11:01
Subject: (MCC) Quarterly

Project/P.O.#: (MCC) Quarterly

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18I0313-01) Collected: 14-Sep-18 By IPC						
1,1,2-Trichloro-1,2,2-trifluoroethane	EPA 524.2	AI82820	0.5	28-Sep-18 (SJ)	<0.5 ug/l	
Vinyl chloride	EPA 524.2	AI82820	0.5	28-Sep-18 (SJ)	<0.5 ug/l	
o-Xylene	EPA 524.2	AI82820	0.5	28-Sep-18 (SJ)	<0.5 ug/l	
m,p-Xylene	EPA 524.2	AI82820	1.0	28-Sep-18 (SJ)	<1.0 ug/l	
Surrogate: Dibromofluoromethane	*EPA 524.2*	*AI82820*		*28-Sep-18 (SJ)*	*96.0 % (80-120)*	
Surrogate: Toluene-d8	*EPA 524.2*	*AI82820*		*28-Sep-18 (SJ)*	*88.8 % (80-120)*	
Surrogate: Bromofluorobenzene	*EPA 524.2*	*AI82820*		*28-Sep-18 (SJ)*	*82.5 % (80-120)*	
Carbofuran	EPA 632	AI81733	0.5	23-Oct-18 (SJ)	<0.5 ug/l	
Oxamyl	EPA 632	AI81733	1.0	23-Oct-18 (SJ)	<1.0 ug/l	
Chloroacetic Acid	EPA 552.2	AI82634	5.0	30-Oct-18 (SJ)	7.5 ug/l	
Bromoacetic Acid	EPA 552.2	AI82634	1.0	29-Oct-18 (SJ)	3.6 ug/l	
Dichloroacetic Acid	EPA 552.2	AI82634	1.0	29-Oct-18 (SJ)	<1.0 ug/l	
Trichloroacetic Acid	EPA 552.2	AI82634	1.0	29-Oct-18 (SJ)	<1.0 ug/l	
Dibromoacetic Acid	EPA 552.2	AI82634	10.0	30-Oct-18 (SJ)	42.0 ug/l	
Haloacetic Acids (HAA5)	EPA 552.2	AI82634	1.0	29-Oct-18 (SJ)	51.1 ug/l	
Surrogate: 2,3-Dibromopropionic Acid	*EPA 552.2*	*AI82634*		*29-Oct-18 (SJ)*	*69.6 % (60-140)*	
Benzo (a) pyrene	EPA 550	AI81927	0.05	24-Oct-18 (SJ)	<0.05 ug/l	
Surrogate: Decafluorobiphenyl	*EPA 550*	*AI81927*		*24-Oct-18 (SJ)*	*73.9 % (45-120)*	
Cyanide (total)	SM 4500-CN-E	AI81727	0.005	18-Sep-18 (LA)	<0.005 mg/l	
MBAS	SM 5540C	AI81720	0.20	17-Sep-18 (PL)	<0.20 mg/l	
Color	SM 2120 C	AI81734	5.0	17-Sep-18 (LA)	30.9 CU	
Odor	SM 2150B	AJ81538	1	14-Sep-18 (SJ)	<1 T.O.N.	
Bromate	EPA 300.0	AI82430	5.0	25-Sep-18 (SJ)	<5.0 ug/l	
Chlorite	EPA 300.0	AI82430	20.0	25-Sep-18 (SJ)	<20.0 ug/l	
Fluoride	EPA 300.0	AI81841	0.10	18-Sep-18 (AV)	0.70 mg/l	

Respectfully Submitted,



Steve Jefferson 10/30/2018
Laboratory Director

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

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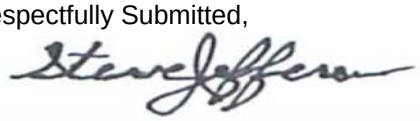
Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
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Attention: Ric Vardel
Report Date: 30-Oct-18 11:01
Subject: (MCC) Quarterly

Project/P.O.#: (MCC) Quarterly

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 10/30/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18I0313

Customer: IPC, Inc.		**Project:** (MCC) Quarterly EFF	
Address: 9297 Research Drive		**Sampled by:** Golan Kfir	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: (Field) Lab
EFF	9/14/18	10:15	1	Ag, Al, Sb, As, Ba, Be, Cd, Cr, Cu, Fe, Mg, Hg, Ni, Se, Tl, Zn	Grab	AQ	1L P	HN	
	"	"	1	F, Bromate, Chlorite, Color, Odor, pH	Grab	AQ	1L P	4°C	7.8/30.0°C
	"	"	1	CN	Grab	AQ	250 P	OH, AA	
	"	"	1	MBAS	Grab	AQ	500 P	4°C	
	"	"	1	Perchlorate	Grab	AQ	500 P	4°C	
	"	"	8	524, 504, 552, 552.2,	Grab	AQ	VOA	4°C	
	"	"	6	507, 515, 632, 508, 550, 506,	Grab	AQ	1L G	4°C	
	"	"	5	Asbestos, Diquat, Endothall, Glphosate, Dioxon- 2,3,7,8 TCCD	Grab	AQ	1L G	4°C	
	"	"	5/6	Radioactive - Radium-226 & 228, Gross Alpha, Gross Beta, Strontium-90 Tritium,	Grab	AQ	1L G	4°C	missing Tritium bottle
	"	"	1	Uranium	Grab	AQ	1L G	4°C	

Signature	Print Name (Company)	Date	Time
Relinquished by GK	Golan IPC	9/14/18	1355
Received by	MARIO SANTIESTEBAN (PCL)	9/14/18	1355
Relinquished by	MARIO SANTIESTEBAN (PCL)	9/14/18	1711
Received by			
Relinquished by			
Received in lab by	PCL	9/14/18	1713

Sample Received Checklist

Temperature upon receipt:	4
# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Matrix	Bottle Type
Grab	AQ - Water	P - Plastic
Comp	SO - Soil / Sludge	G - Amber Glass
	OT - Other	VOA - 40 ml Vial
		Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the Client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public, or is the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such disclosure was beyond PCL reports and information provided thereto are for the exclusive use and benefit of client and PCL agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software, processes or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, costs and associated expenses, including, but not limited to attorneys' fees (the litigation if apportion) and awards arising in favor of Client or any third party as a result of, and/or in any way directly or indirectly incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. from, division or death of persons or 2. loss of, damage to, loss of, or loss of use of property, or the 3. financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages or liabilities caused solely by PCL's gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character, including good faith settlements with the negligence or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive special, incidental or consequential damages (including without limitation, loss of profit or business interruption) Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analytes such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET EIGHT (30) days from date of invoices. To the fullest extent permitted by law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third-Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or trustee, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

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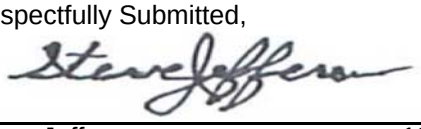
Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 20-Dec-18 17:59
Subject: (MCC) Quarterly

Project/P.O.#: (MCC) Quarterly

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18I0313-01) Collected: 14-Sep-18 By IPC						
Silver	EPA 200.8	AI81306	0.2	18-Sep-18 (AF)	<0.2 ug/l	
Aluminum	EPA 200.8	AI81306	5.0	18-Sep-18 (AF)	83 ug/l	
Arsenic	EPA 200.8	AI81306	0.5	18-Sep-18 (AF)	1.0 ug/l	
Barium	EPA 200.8	AI81306	0.5	18-Sep-18 (AF)	6.3 ug/l	
Beryllium	EPA 200.8	AI81306	0.2	18-Sep-18 (AF)	<0.2 ug/l	
Calcium	EPA 200.7	AK80210	0.05	02-Nov-18 (AF)	38.9 mg/l	
Cadmium	EPA 200.8	AI81306	0.2	18-Sep-18 (AF)	<0.2 ug/l	
Chromium	EPA 200.8	AI81306	0.2	18-Sep-18 (AF)	4.1 ug/l	
Copper	EPA 200.8	AI81306	0.2	18-Sep-18 (AF)	2.4 ug/l	
Iron	EPA 200.7	AI81724	0.02	17-Sep-18 (AF)	0.09 mg/l	
Mercury	EPA 245.1	AI81932	0.20	19-Sep-18 (AF)	<0.20 ug/l	
Manganese	EPA 200.8	AI81306	0.5	18-Sep-18 (AF)	3.7 ug/l	
Nickel	EPA 200.8	AI81306	0.5	18-Sep-18 (AF)	4.7 ug/l	
Lead	EPA 200.8	AI81306	0.2	18-Sep-18 (AF)	<0.2 ug/l	
Antimony	EPA 200.8	AI81306	1.0	18-Sep-18 (AF)	<1.0 ug/l	
Selenium	EPA 200.8	AI81306	2.0	18-Sep-18 (AF)	2.9 ug/l	
Thallium	EPA 200.8	AI81306	1.0	18-Sep-18 (AF)	<1.0 ug/l	
Uranium	EPA 200.8	AI81306	1.0	18-Sep-18 (AF)	<1.0 ug/l	
Zinc	EPA 200.8	AI81306	1.0	18-Sep-18 (AF)	16 ug/l	
1,2-Dibromoethane (EDB)	EPA 504.1	AI82633	0.02	19-Oct-18 (SJ)	<0.02 ug/l	
1,2-Dibromo-3-Chloropropane (DBCP)	EPA 504.1	AI82633	0.01	19-Oct-18 (SJ)	<0.01 ug/l	
Bis(2-ethylhexyl)phthalate	EPA 506	AI81832	2.0	05-Oct-18 (SJ)	<2.0 ug/l	
Bis(2-ethylhexyl)adipate	EPA 506	AI81832	2.0	05-Oct-18 (SJ)	<2.0 ug/l	
Surrogate: o-Terphenyl	*EPA 506*	*AI81832*		*05-Oct-18 (SJ)*	*69.3 % (50-120)*	
Alachlor	EPA 507	AI81722	0.2	19-Oct-18 (SJ)	<0.2 ug/l	
Atrazine	EPA 507	AI81722	0.2	19-Oct-18 (SJ)	<0.2 ug/l	
Molinate	EPA 507	AI81722	0.2	19-Oct-18 (SJ)	<0.2 ug/l	
Simazine	EPA 507	AI81722	0.2	19-Oct-18 (SJ)	<0.2 ug/l	

Respectfully Submitted,



Steve Jefferson 12/20/2018
Laboratory Director

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EFF (Sample I.D.# : 18I0313-01) Collected: 14-Sep-18 By IPC						
Thiobencarb (Bolero)	EPA 507	AI81722	0.2	19-Oct-18 (SJ)	<0.2 ug/l	
Surrogate: 1,3-Dimethyl-2-nitrobenzei	*EPA 507*	*AI81722*		*19-Oct-18 (SJ)*	*72.2 % (40-120)*	
Gamma-BHC(Lindane)	EPA 508	AI81723	0.01	12-Oct-18 (SJ)	<0.01 ug/l	
Heptachlor	EPA 508	AI81723	0.01	12-Oct-18 (SJ)	<0.01 ug/l	
Heptachlor Epoxide	EPA 508	AI81723	0.01	12-Oct-18 (SJ)	<0.01 ug/l	
Endrin	EPA 508	AI81723	0.01	12-Oct-18 (SJ)	<0.01 ug/l	
Methoxychlor	EPA 508	AI81723	0.05	12-Oct-18 (SJ)	<0.05 ug/l	
Hexachlorocyclopentadiene	EPA 508	AI81723	1.0	12-Oct-18 (SJ)	<1.0 ug/l	
Hexachlorobenzene	EPA 508	AI81723	0.5	12-Oct-18 (SJ)	<0.5 ug/l	
Chlordane	EPA 508	AI81723	0.1	12-Oct-18 (SJ)	<0.1 ug/l	
Toxaphene	EPA 508	AI81723	0.5	12-Oct-18 (SJ)	<0.5 ug/l	
Aroclor 1016	EPA 508	AI81723	0.5	12-Oct-18 (SJ)	<0.5 ug/l	
Aroclor 1221	EPA 508	AI81723	0.5	12-Oct-18 (SJ)	<0.5 ug/l	
Aroclor 1232	EPA 508	AI81723	0.5	12-Oct-18 (SJ)	<0.5 ug/l	
Aroclor 1242	EPA 508	AI81723	0.5	12-Oct-18 (SJ)	<0.5 ug/l	
Aroclor 1248	EPA 508	AI81723	0.5	12-Oct-18 (SJ)	<0.5 ug/l	
Aroclor 1254	EPA 508	AI81723	0.5	12-Oct-18 (SJ)	<0.5 ug/l	
Aroclor 1260	EPA 508	AI81723	0.5	12-Oct-18 (SJ)	<0.5 ug/l	
Surrogate: Tetrachloro-m-xylene	*EPA 508*	*AI81723*		*12-Oct-18 (SJ)*	*57.0 % (50-120)*	
Surrogate: Decachlorobiphenyl	*EPA 508*	*AI81723*		*12-Oct-18 (SJ)*	*75.0 % (50-120)*	
Bentazon	EPA 515.1	AI82423	0.2	01-Oct-18 (SJ)	<0.2 ug/l	
2,4-D	EPA 515.1	AI82423	0.2	01-Oct-18 (SJ)	<0.2 ug/l	
Dalapon	EPA 515.1	AI82423	2.0	01-Oct-18 (SJ)	<2.0 ug/l	
Dinoseb	EPA 515.1	AI82423	0.2	01-Oct-18 (SJ)	<0.2 ug/l	
Pentachlorophenol (PCP)	EPA 515.1	AI82423	0.2	01-Oct-18 (SJ)	<0.2 ug/l	
Picloram	EPA 515.1	AI82423	0.2	01-Oct-18 (SJ)	<0.2 ug/l	
2,4,5-TP	EPA 515.1	AI82423	0.2	01-Oct-18 (SJ)	<0.2 ug/l	
Surrogate: 2,4-DCAA	*EPA 515.1*	*AI82423*		*01-Oct-18 (SJ)*	*77.4 % (60-140)*	

Respectfully Submitted,



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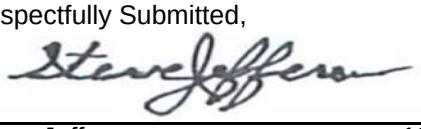
Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 20-Dec-18 17:59
Subject: (MCC) Quarterly

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PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18I0313-01) Collected: 14-Sep-18 By IPC						
Benzene	EPA 524.2	AI82820	0.5	28-Sep-18 (SJ)	<0.5 ug/l	
Bromodichloromethane	EPA 524.2	AI82820	0.5	28-Sep-18 (SJ)	<0.5 ug/l	
Bromoform	EPA 524.2	AI82820	0.5	28-Sep-18 (SJ)	<0.5 ug/l	
Carbon tetrachloride	EPA 524.2	AI82820	0.5	28-Sep-18 (SJ)	<0.5 ug/l	
c-1,3-Dichloropropene	EPA 524.2	AI82820	0.5	28-Sep-18 (SJ)	<0.5 ug/l	
cis-1,2-Dicholoroethene	EPA 524.2	AI82820	0.5	28-Sep-18 (SJ)	<0.5 ug/l	
Chlorobenzene	EPA 524.2	AI82820	0.5	28-Sep-18 (SJ)	<0.5 ug/l	
Chloroform	EPA 524.2	AI82820	0.5	28-Sep-18 (SJ)	<0.5 ug/l	
Dibromochloromethane	EPA 524.2	AI82820	0.5	28-Sep-18 (SJ)	<0.5 ug/l	
1,2-Dichlorobenzene	EPA 524.2	AI82820	0.5	28-Sep-18 (SJ)	<0.5 ug/l	
1,4-Dichlorobenzene	EPA 524.2	AI82820	0.5	28-Sep-18 (SJ)	<0.5 ug/l	
1,2-Dichloroethane	EPA 524.2	AI82820	0.5	28-Sep-18 (SJ)	<0.5 ug/l	
1,1-Dichloroethane	EPA 524.2	AI82820	0.5	28-Sep-18 (SJ)	<0.5 ug/l	
1,3-Dichloropropane	EPA 524.2	AI82820	0.5	28-Sep-18 (SJ)	<0.5 ug/l	
1,2-Dichloropropane	EPA 524.2	AI82820	0.5	28-Sep-18 (SJ)	<0.5 ug/l	
Ethylbenzene	EPA 524.2	AI82820	0.5	28-Sep-18 (SJ)	<0.5 ug/l	
Methyl tert-butyl ether	EPA 524.2	AI82820	0.5	28-Sep-18 (SJ)	<0.5 ug/l	
Methylene chloride	EPA 524.2	AI82820	0.5	28-Sep-18 (SJ)	<0.5 ug/l	
Styrene	EPA 524.2	AI82820	0.5	28-Sep-18 (SJ)	<0.5 ug/l	
t-1,2-Dichloroethene	EPA 524.2	AI82820	0.5	28-Sep-18 (SJ)	<0.5 ug/l	
t-1,3-Dichloropropene	EPA 524.2	AI82820	0.5	28-Sep-18 (SJ)	<0.5 ug/l	
1,1,2,2-Tetrachloroethane	EPA 524.2	AI82820	0.5	28-Sep-18 (SJ)	<0.5 ug/l	
Tetrachloroethene	EPA 524.2	AI82820	0.5	28-Sep-18 (SJ)	<0.5 ug/l	
Toluene	EPA 524.2	AI82820	0.5	28-Sep-18 (SJ)	<0.5 ug/l	
1,2,4-Trichlorobenzene	EPA 524.2	AI82820	0.5	28-Sep-18 (SJ)	<0.5 ug/l	
1,1,1-Trichloroethane	EPA 524.2	AI82820	0.5	28-Sep-18 (SJ)	<0.5 ug/l	
1,1,2-Trichloroethane	EPA 524.2	AI82820	0.5	28-Sep-18 (SJ)	<0.5 ug/l	
Trichloroethene	EPA 524.2	AI82820	0.5	28-Sep-18 (SJ)	<0.5 ug/l	
Trichlorofluoromethane (Freon 11)	EPA 524.2	AI82820	0.5	28-Sep-18 (SJ)	<0.5 ug/l	

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EFF (Sample I.D.# : 18I0313-01) Collected: 14-Sep-18 By IPC						
1,1,2-Trichloro-1,2,2-trifluoroethane	EPA 524.2	AI82820	0.5	28-Sep-18 (SJ)	<0.5 ug/l	
Vinyl chloride	EPA 524.2	AI82820	0.5	28-Sep-18 (SJ)	<0.5 ug/l	
o-Xylene	EPA 524.2	AI82820	0.5	28-Sep-18 (SJ)	<0.5 ug/l	
m,p-Xylene	EPA 524.2	AI82820	1.0	28-Sep-18 (SJ)	<1.0 ug/l	
Surrogate: Dibromofluoromethane	*EPA 524.2*	*AI82820*		*28-Sep-18 (SJ)*	*96.0 % (80-120)*	
Surrogate: Toluene-d8	*EPA 524.2*	*AI82820*		*28-Sep-18 (SJ)*	*88.8 % (80-120)*	
Surrogate: Bromofluorobenzene	*EPA 524.2*	*AI82820*		*28-Sep-18 (SJ)*	*82.5 % (80-120)*	
Carbofuran	EPA 632	AI81733	0.5	23-Oct-18 (SJ)	<0.5 ug/l	
Oxamyl	EPA 632	AI81733	1.0	23-Oct-18 (SJ)	<1.0 ug/l	
Chloroacetic Acid	EPA 552.2	AI82634	5.0	30-Oct-18 (SJ)	7.5 ug/l	
Bromoacetic Acid	EPA 552.2	AI82634	1.0	29-Oct-18 (SJ)	3.6 ug/l	
Dichloroacetic Acid	EPA 552.2	AI82634	1.0	29-Oct-18 (SJ)	<1.0 ug/l	
Trichloroacetic Acid	EPA 552.2	AI82634	1.0	29-Oct-18 (SJ)	<1.0 ug/l	
Dibromoacetic Acid	EPA 552.2	AI82634	10.0	30-Oct-18 (SJ)	42.0 ug/l	
Haloacetic Acids (HAA5)	EPA 552.2	AI82634	1.0	29-Oct-18 (SJ)	51.1 ug/l	
Surrogate: 2,3-Dibromopropionic Acid	*EPA 552.2*	*AI82634*		*29-Oct-18 (SJ)*	*69.6 % (60-140)*	
Benzo (a) pyrene	EPA 550	AI81927	0.05	24-Oct-18 (SJ)	<0.05 ug/l	
Surrogate: Decafluorobiphenyl	*EPA 550*	*AI81927*		*24-Oct-18 (SJ)*	*73.9 % (45-120)*	
Cyanide (total)	SM 4500-CN-E	AI81727	0.005	18-Sep-18 (LA)	<0.005 mg/l	
MBAS	SM 5540C	AI81720	0.20	17-Sep-18 (PL)	<0.20 mg/l	
pH	SM4500-H-B	AI81511	0.1	14-Sep-18 (SJ)	7.7 pH Units	A-01
Total Alkalinity	SM 2320B	AK80635	1	07-Nov-18 (EA)	100 mg/l	
Carbonate Alkalinity	SM 2320B	AK80635	1	07-Nov-18 (EA)	<1 mg/l	
Bicarbonate Alkalinity	SM 2320B	AK80635	1	07-Nov-18 (EA)	100 mg/l	
Hydroxide Alkalinity	SM 2320B	AK80635	1	07-Nov-18 (EA)	<1 mg/l	
Color	SM 2120 C	AI81734	5.0	17-Sep-18 (LA)	30.9 CU	
Specific Conductance (EC)	SM 2510B	AK80636	0.1	07-Nov-18 (EA)	1260 uS/cm	
Odor	SM 2150B	AJ81538	1	14-Sep-18 (SJ)	<1 T.O.N.	

Respectfully Submitted,



Steve Jefferson 12/20/2018
Laboratory Director

PAT-CHEM
LABORATORIES
QUALITY ANALYTICAL SERVICES SINCE 1987
1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 20-Dec-18 17:59
Subject: (MCC) Quarterly

Project/P.O.#: (MCC) Quarterly

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18I0313-01) Collected: 14-Sep-18 By IPC						
Bromate	EPA 300.0	AI82430	5.0	25-Sep-18 (SJ)	<5.0 ug/l	
Chlorite	EPA 300.0	AI82430	20.0	25-Sep-18 (SJ)	<20.0 ug/l	
Fluoride	EPA 300.0	AI81841	0.10	18-Sep-18 (AV)	0.70 mg/l	

Notes and Definitions

A-01 Langelier Index = -0.27 (Non-Corrosive)

Respectfully Submitted,



Steve Jefferson 12/20/2018
Laboratory Director

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 21-Sep-18 14:16
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18I0327-01) Collected: 15-Sep-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AI81610	2	21-Sep-18 (SGS)	3 mg/l	
pH	SM4500-H-B	AI81935	0.1	15-Sep-18 (SS)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AI81721	0.05	15-Sep-18 (PL)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AI81510	1.8	18-Sep-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AI81510	1.8	18-Sep-18 (PL)	2.0 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 9/21/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1810327

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Ric VARDEL	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	9/15	0800	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
"	"	"	1	BOD	Grab	AQ	1L P	4°C	
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD: Logcode: IPCI Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	Ric VARDEL (IR)	9/15	0930
Received by			
Relinquished by	Jose L Gomez	9/15/18	0830
Received by			
Relinquished by			
Received in lab by			

Sample Received Checklist

Temperature upon receipt: _____

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule, as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The Client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes (i) an acceptance by the client of PCL's offer to do business with the client under the terms and condition and (ii) an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purposes of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) or the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for assuring PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results answered by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereunder are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information containing technical information, software processing or other proprietary.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL (and its officers, officers, directors, agents, affiliates, subsidiaries and parent companies from and against any and all liabilities, demands, damages, claims, demands, causes of action, suits and associated expenses, including, but not limited to all costs, fees (including attorneys' fees) and expenses arising in favor of Client or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or representations, handling, or disposal of client's hazardous materials, injury, damage or death of persons 2. Loss of, damage to, loss of use of property and/or 3. Financial loss of every kind, of the client. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. In no case, will indemnity or responsibility apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified person, whether active or passive in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligations will be supported by available liability insurance coverage to be furnished to client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profits, business interruption, Litigation Expenses or other fees including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an action to modify under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretations of any thereof (the "Hazardous Materials"). Client understands and agrees that any Hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any microbiological analysis client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or as otherwise quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoice. To the fullest extent permitted by law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law, or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client, authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to resell, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other recognition to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours. Before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (Bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

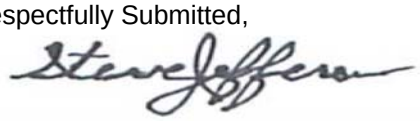
Attention: Ric Vardel
Report Date: 01-Oct-18 17:44
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18I0331-01) Collected: 16-Sep-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AI81833	2	24-Sep-18 (EA)	15 mg/l	
pH	SM4500-H-B	AI81935	0.1	16-Sep-18 (SS)	7.1 pH Units	
Residual Chlorine	SM 4500 Cl-G	AI81721	0.05	17-Sep-18 (PL)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AI81613	1.8	18-Sep-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AI81613	1.8	18-Sep-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 10/1/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18-0331

Customer: IPC, Inc.		**Project:** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** Ric VARDEL	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	9/16	0815	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
"	"	"	1	BOD	Grab	AQ	1L P	4°C	
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by		Ric VARDEL (IPC)	9/16	0815
Received by		Alex Walker Jr	9/16/18	0845
Relinquished by				
Received by				
Relinquished by				
Received in lab by		Alex Walker Jr	9/16/18	10:41

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Sample Received Checklist

Temperature upon receipt: _____

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions
2. Independent Contractor
3. Orders and Acceptance
4. Limit of Liability
5. Clients Responsibility
6. Cancellation
7. Overriding Agreement
8. Force Majeure
9. Confidentiality
10. Hold Harmless
11. Hazardous Substances
12. Prices/Payments
13. Agreement Modification
14. No Third Party Beneficiaries; No Right of Reliance
15. Rush Analysis
16. Holding Times
17. Sample Retention
18. Sample Pick Up/Field Tech Sampling

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
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(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

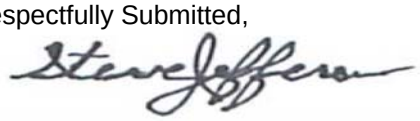
Attention: Ric Vardel
Report Date: 01-Oct-18 17:48
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18I0343-01) Collected: 17-Sep-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AI81833	2	24-Sep-18 (EA)	13 mg/l	
pH	SM4500-H-B	AI81935	0.1	17-Sep-18 (SS)	7.3 pH Units	
Residual Chlorine	SM 4500 Cl-G	AI81827	0.05	18-Sep-18 (PL)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AI81725	1.8	19-Sep-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AI81725	1.8	19-Sep-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 10/1/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18FO343

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Golan Kfir	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	9/17/18	8:20	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.3 / 24.8 °C
	"	"	1	BOD	Grab	AQ	1L P	4°C	
	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by: GK	Golan IPC	9/17/18	
Received by:	Pat-Chem	9/17/18	9:15
Relinquished by:	Pat-Chem	9/17/18	1:25
Received by:			
Relinquished by:			
Received in lab by:		9/17/18	1330

Sample Received Checklist

Temperature upon receipt: 4 °C
# of bottles agrees with COC? Yes No
Samples intact? Yes No
Samples properly preserved? Yes No
Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____
Final Flow _____

Sample Type	Matrix	Bottle Type
Grab	AQ - Water	P - Plastic
Comp	SO - Soil / Sludge	G - Amber Glass
	OT - Other	VOA - 40 ml Vial
		Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

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The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.
For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM) Association of Official Analytical Chemists (AOAC) Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

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8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

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Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. All reports and information provided thereto are for the exclusive use and benefit of Client and Client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other items claiming.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent companies from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses, including but not limited to attorneys' fees (the Litigation Expenses), and awards arising in favor of Client or any third party as a result of, and/or in any way occurring or arising out of or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1) injury, disease or death of persons 2) loss of, damage to, loss of, or loss of use of property and/or 3) financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages, or expenses caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, Client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive special, incidental or consequential damages including, without limitation, loss of profit or business interruption. Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and the pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples material(s) for analytes such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (each as now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any Hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analyses completed is required for all new clients or within terms of payment and/or credit as may have been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by law, all be applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the Terms shall be effective only if in writing and executed by an officer of PCL and/or client's authorized representative. Excess that subsequent or fees for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not intended, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any securities, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less' samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (Bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

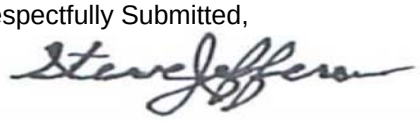
Attention: Ric Vardel
Report Date: 01-Oct-18 17:51
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18I0372-01) Collected: 18-Sep-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AI81939	2	24-Sep-18 (EA)	<2 mg/l	
pH	SM4500-H-B	AI81935	0.1	18-Sep-18 (SS)	7.2 pH Units	
Residual Chlorine	SM 4500 Cl-G	AI81937	0.05	18-Sep-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AI81838	1.8	20-Sep-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AI81838	1.8	20-Sep-18 (JC)	2.0 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 10/1/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18I0372

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Golan Kfir	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH Field Lab
EFF	9/18/18	8:05	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.2 / 24.4 °C
	"	"	1	BOD	Grab	AQ	1L P	4°C	
	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD: Logcode: IPCI Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by: GK	Golan IPC	9/18/18	
Received by: Cindy	Pat chem	9/18/18	9:20
Relinquished by: RC	Curt	9/18/18	1:16
Received by:			
Relinquished by:			
Received in lab by:		9/18/18	1530

Sample Received Checklist

Temperature upon receipt: 4.9

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type: **Grab** **Comp**

Matrix: **AQ** - Water; **SO** - Soil / Sludge; **OT** - Other

Bottle Type: **P** - Plastic; **G** - Amber Glass; **VOA** - 40 ml Vial; **Coli** - bacteria

Preservations: **HC** - HCl; **HS** - H_2SO_4; **HN** - HNO_3; **HP** - H_3PO_4; **OH** - NaOH; **ST** - Sodium Thiosulfate; **AA** - Ascorbic Acid; **Al** - $AlCl_3$; **Cu** - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments thereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. Any modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel perform the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial orders and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence unless such information is generally available to the public, or to the public domain, or client has failed to pay PCL for services rendered, or is otherwise in breach of the agreement, subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unsolicited disclosure of such data where such disclosure is required. PCL reports are confidential documents prepared for the exclusive use and benefit of client and PCL agrees that it shall not, nor shall its employees or agents, deliver such reports, data or information to any third party (except to client's agents and representatives solely in furtherance of client's business) without client's prior written consent.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parents harmless from and against any and all liabilities, losses, damages, claims, demands, causes of action, costs and associated expenses, including, but not limited to, all court fees, litigation expenses and expert witness fees in favor of Client or any third party as a result of, and/or in any way occurring, incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, i.e. injury, illness, death of persons, cost of damage to, loss of, or loss of use of property, and/or 3. fines, or penalties of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages or liabilities caused solely by the active negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply when claims, damages, actions of every kind and nature, including, but not limited to, such claims, damages, actions, losses, liabilities, costs and expenses arising out of or caused by the negligence, strict liability or other fault of any Indemnified Person, whether active or as alleged in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other Indemnified Persons. To the extent not expressly prohibited by applicable law, client agrees that its indemnity obligations will be supported by adequate liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) or lost expenses in other fees (including, without limitation, attorney's fees, court costs, and/or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic materials, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any Hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any of bacterial analysis, client will be charged a sample disposal fee per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or as otherwise quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when sample(s) completed is required for all new clients until such a history of payment and/or credit worthiness has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount unpaid as the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If client or client's are collected through legal proceedings or by an attorney, the client shall pay reasonable associated attorney's fees or agency fees associated with such collection procedures or efforts.

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Changes, modifications or amendments to the Terms shall be effective only if in writing and executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

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PCL shall have no responsibility or liability for client's use or reliance on data, information, or reports furnished by PCL. Client is ordering services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the issuing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (pictured is 8 hours) must be delivered at the same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

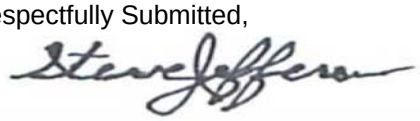
Attention: Ric Vardel
Report Date: 01-Oct-18 17:54
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18I0414-01) Collected: 19-Sep-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AI82006	2	25-Sep-18 (EA)	<2 mg/l	
pH	SM4500-H-B	AI82221	0.1	19-Sep-18 (JC)	7.2 pH Units	
Residual Chlorine	SM 4500 Cl-G	AI82009	0.05	19-Sep-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AI81934	1.8	22-Sep-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AI81934	1.8	22-Sep-18 (JC)	1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 10/1/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18I0414

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine	CA 92618	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field / Lab
EFF	09/19/18	0755	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.2 / 23.3°C
			1	BOD	Grab	AQ	1L P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD: Logcode: IPCI Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (PSC)	09/19/18	
Received by		Pat-Chem	9/19/18	8:50
Relinquished by		Pat-Chem	9/19/18	12:19
Received by				
Relinquished by				
Received in lab by			9/19/18	1200

Sample Received Checklist

Temperature upon receipt: 4°

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of Sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or released from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the Client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or solicitation of consulting services constitutes the Client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract resulting upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client's purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and information materials provided by client to PCL pursuant to this agreement and the results obtained by PCL shall be held in confidence unless such information is generally available to the public or is the public domain or client has failed to pay PCL for all services rendered, or is otherwise in breach of the agreement subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereunder are for the exclusive use and benefit of Client and not to any other third party or to third party beneficiary (ies) of the contents, data or information. Client will not disclose to any third party any proprietary or confidential technical information, software or know-how of PCL.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, costs and expenses (including, but not limited to attorneys' fees, litigation expenses and costs) arising in favor of Client or any third party as a result of, and/or in any way occurring, incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or subsequent handling or disposal of client's hazardous materials, 1. injury, disease or death of personnel, loss of, damage to, loss of use of property and/or 3. environmental damage of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnification specifically applies to losses, claims, liabilities, etc. of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified person, whether active or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the Client might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, Client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by Client, which insurance shall be in the minimum amounts permitted under applicable law. In no event shall PCL be liable to Client for indirect, punitive, special, incidental, or consequential damages (including, without limitation, loss of profit or business interruption), litigation expenses or other fees (including, without limitation, attorney's fees, court costs, and pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (as often now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any lab bacteriological analysis, client will be charged a sample disposal fee, per sample collected, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect for the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET [insert number here] days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount unpaid as the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or specific fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the Terms shall be effective only in writing and executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for Client's use of or reliance on data, information, or reports furnished by PCL. Client, in using services hereunder for its own account, and not as agent, broker, or in any other representative capacity for any other person or entity, it is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not intended, or shall be used to rely upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or instrument.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 4pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less' samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times (2-7 days), samples must arrive at the laboratory 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (sometimes 8 hour) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

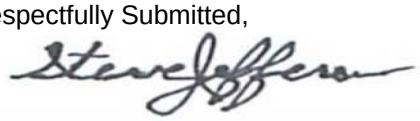
Attention: Ric Vardel
Report Date: 01-Oct-18 17:56
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18I0442-01) Collected: 20-Sep-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AI82109	2	26-Sep-18 (SGS)	4 mg/l	
pH	SM4500-H-B	AI82221	0.1	20-Sep-18 (JC)	7.1 pH Units	
Residual Chlorine	SM 4500 Cl-G	AI82116	0.05	21-Sep-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AI82010	1.8	22-Sep-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AI82010	1.8	22-Sep-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 10/1/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 187042

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine	CA 92618	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field / Lab
EFF	09/20/18	0810	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.1 / 23.3 C
"	"	"	1	BOD	Grab	AQ	1L P	4°C	
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (SRE)	09/20/18	
Received by		(PCC)	9/20/18	9:25
Relinquished by		(PCC)	9/20/18	12:55
Received by				
Relinquished by				
Received in lab by			9/20/18	1302

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.
The Client may order services by submitting a written Letter of Intent (LOI) to PCL. Any such order constitutes the acceptance by the Client of PCL's offer to do business with the Client under the terms and conditions and is an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express intent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.
For purpose of this agreement, "services" shall mean all work to be performed for the Client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by Client or at Client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or to the public domain or Client has filed to pay PCL for all services rendered) or is otherwise in breach of the agreement), subject to any disclosure required by law or legal process. PCL maintains the same standard of care it takes in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such precautions were observed. PCL reports and information provided thereto are for the exclusive use and benefit of Client and Client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose or use, directly or indirectly, any information pertaining to PCL's methods, software, processes or other techniques.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, costs and associated expenses, including, but not limited to attorneys' fees, litigation expenses and experts' witness fees of Client or any third party as a result of, arising in any way or alleged to arise out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, if injury, disease or death of personnel, direct damage to, loss of, or loss of use of property, or for ill financial loss of every kind, if the same is caused by, or alleged to be caused by, the negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to claims, losses, damages, penalties or costs caused solely by the act,

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

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(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

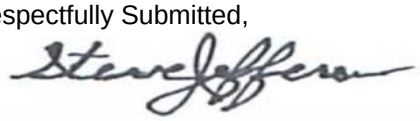
Attention: Ric Vardel
Report Date: 01-Oct-18 17:32
Subject: (MCC) Weekly EFF

Project/P.O.#: (MCC) Weekly EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18I0468-01) Collected: 20-Sep-18 By IPC						
Ammonia as N	EPA 350.1	AI82019	0.10	21-Sep-18 (SGS)	<0.10 mg/l	
Nitrate as N	EPA 353.2	AI82108	0.20	21-Sep-18 (LA)	3.33 mg/l	
Nitrite as N	EPA 353.2	AI82108	0.02	21-Sep-18 (LA)	<0.02 mg/l	
Total Kjeldahl Nitrogen	EPA 351.2	AI82424	0.10	25-Sep-18 (LA)	0.68 mg/l	
Total Suspended Solids	SM 2540D	AI82110	1	21-Sep-18 (EA)	<1 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 10/1/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 180468

Customer: IPC, Inc.		**Project:** (MCC) Weekly EFF	
Address: 9297 Research Drive		**Sampled by:** Carlos Alvarez	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	09/20/18	1310	1	TSS	Grab	AQ	1L P	4°C	
	"	"	1	NH4, TKN	Grab	AQ	500 P	HS	
	"	"	1	NO2, NO3	Grab	AQ	500 P	4°C	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	09/20/18	
Received by		(PCL)	9/20/18	2:35
Relinquished by		PCL	9/20/18	4:06
Received by				
Relinquished by				
Received in lab by		PCL	9.20.18	1406

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab Comp	HC - HCl HS - H_2SO_4 HN - HNO_3 HP - H_3PO_4 OH - NaOH ST - Sodium Thiosulfate AA - Ascorbic Acid Al - $AlCl_3$ Cu - $CuSO_4$
Matrix AQ - Water SO - Soil / Sludge OT - Other	
Bottle Type P - Plastic G - Amber Glass VOA - 40 ml Vial Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

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PCL acts solely as an independent contractor in performing all services.

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PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modification to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express intent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

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10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees (the "Litigation Expenses") and awards arising in favor of Client or any third party, as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement without limitation, handling or disposal of client's hazardous materials, 1. Injury, disease or death of persons 2. Loss of, damage to, buried, or lost use of property and/or 3. Financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages or injuries contributed solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, costs, damages, and/or of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which one client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, Client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption), Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post-judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is requested is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those client's with an established credit account, our terms for payment of invoices are NET EIGHTEEN (18) days from date of invoices. To the fullest extent permitted by or at all by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid accounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees of agents' fees associated with such collection procedures or efforts.

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PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the servicing, entitlement, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (Incidentals 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

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All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

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Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

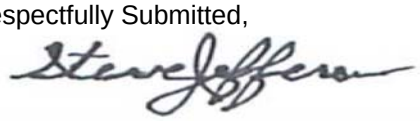
Attention: Ric Vardel
Report Date: 01-Oct-18 17:29
Subject: (MCC) Weekly INF

Project/P.O.#: (MCC) Weekly INF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
INF (Sample I.D.# : 18I0467-01) Collected: 20-Sep-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AI82109	2	26-Sep-18 (SGS)	556 mg/l	
Total Suspended Solids	SM 2540D	AI82110	1	21-Sep-18 (EA)	231 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 10/1/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18I0467

Customer: IPC, Inc.		Project: (MCC) Weekly INF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
INF	09/20/18	1145	1	TSS	Grab	AQ	1L P	4°C	
"	"	"	1	BOD	Grab	AQ	1L P	4°C	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (PCC)	09/20/18	
Received by		(PCC)	9/20/18	2:38
Relinquished by		(PCC)	9/20/18	4:06
Received by				
Relinquished by				
Received in lab by		AL	9.20.18	16.06

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments thereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public, or in the public domain or client has filed to pay PCL for all services rendered, or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it takes in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such data where such standard was observed. PCL reports and information provided thereunder are for the exclusive use and benefit of client and PCL agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any interpretation concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses, including, but not limited to attorneys' fees (the aforementioned expenses) and costs arising in favor of Client or any third party, as a result of, and/or in any way occurring, incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement, and/or transportation, handling, or disposal of client's hazardous materials, 1. injury, illness or death of persons 2. lost of, damage to, loss of, or loss of use of property, and or 3. financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages, or liabilities caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to, cover, defend against, actions of every kind and character, arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether active or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the Client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, Client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analytes such as asbestos, polychlorinated biphenyls bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at Client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and/or confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or upon completion is required for all new clients. Upon a history of payment and/or credit approval has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted or as may be applicable, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees (if any) fees associated with such collection procedures or actions.

13. Agreement Modification

Changes, modifications or amendments to the Terms shall be effective only if in writing and executed by an officer of PCL and by client authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person in writing. It is hereby and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any securities, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender of the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (tracers is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

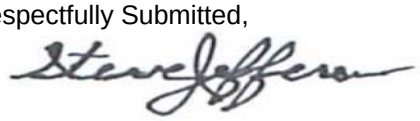
Attention: Ric Vardel
Report Date: 01-Oct-18 17:58
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18I0478-01) Collected: 21-Sep-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AI82109	2	26-Sep-18 (SGS)	2 mg/l	
pH	SM4500-H-B	AI82221	0.1	22-Sep-18 (JC)	7.1 pH Units	
Residual Chlorine	SM 4500 Cl-G	AI82222	0.05	22-Sep-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AI82114	1.8	23-Sep-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AI82114	1.8	23-Sep-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 10/1/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 180478

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	09/21/18	0800	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.1 / 24.2 °C
			1	BOD	Grab	AQ	1L P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (GPC)	09/21/18	
Received by		PCL	~~9/18~~ 9/21/18	9:10
Relinquished by		(PCL)	9/21/18	11:00
Received by				
Relinquished by				
Received in lab by			9/21/18	1100

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC? (Yes) No

Samples intact? (Yes) No

Samples properly preserved? (Yes) No

Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

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4. Limit of Liability

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6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

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The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

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9. Confidentiality

Data and the sample materials provided by client or at client's request and the reports obtained by PCL shall be held in confidence (unless such information is generally available to the public or is for public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data whenever a standard was observed. PCL reports are confidential and are provided therein are for the exclusive use and benefit of client and client agrees that in no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information or use technical information, software proprietary or other knowledge.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, successors and assigns harmless from any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated damages including, but not limited to all court fees (including expenses) and penalty arising in favor of Client or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. Injury, disease or death of persons 2. Loss of, damage to, loss of, or loss of use of property and/or 3. Economic loss of any kind whatsoever. This indemnity does not apply to any of the foregoing losses, costs, damages or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, in no event shall specifically apply to claims, claims, damages, penalties of every kind and nature, including and after in connection with the negligence, alleged, caused or attributed to any Responsible Person, whether active or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, Client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive special, incidental or consequential damages including, without limitation, loss of profits or business interruption, litigation expenses or other fees including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest, or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of stored samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any lab bacterial analysis, client will be charged a sample disposal fee, per sample collected, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or as otherwise quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or upon delivery is requested if no credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by or as will by applicable law, any amount unpaid at the end of thirty (30) days shall bear interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid accounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or efforts.

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Changes, modifications or amendments to the terms shall be effective only if in writing and executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be verbal or by writing.

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PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent, broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information, and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institutions or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (sodium is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

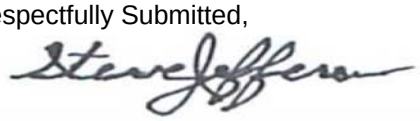
Attention: Ric Vardel
Report Date: 01-Oct-18 18:01
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18I0512-01) Collected: 22-Sep-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AI82529	2	28-Sep-18 (VL)	<2 mg/l	
pH	SM4500-H-B	AI82312	0.1	23-Sep-18 (JC)	7.3 pH Units	
Residual Chlorine	SM 4500 Cl-G	AI82313	0.05	23-Sep-18 (PL)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AI82220	1.8	25-Sep-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AI82220	1.8	25-Sep-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 10/1/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18I0512

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Ric VARDEL	P.O. #:
Irvine	CA 92618	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	9/22	0815	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
"	"	"	1	BOD	Grab	AQ	1L P	4°C	
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	Ric VARDEL (IPC)	9/22	0815
Received by			
Relinquished by	Jose L Gomez	9-27-18	0921
Received by			
Relinquished by			
Received in lab by			

Sample Received Checklist

Temperature upon receipt: _____

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or her heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or released from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (or delivery thereof) only under the following Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes a bona fide acceptance by the client of PCL's offer to do business with the client under the terms and conditions and client agrees to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the Client's express assent to be governed by these terms and conditions. No oral or additional terms and conditions expressed in a client's discussion shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are substantially conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of this agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such data when a such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and PCL agrees these shall be no third party beneficiaries of such reports, data or information. Client will not publish any third party information concerning technical information, software, processes or other formulations.

10. Hold Harmless

Client releases, and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent companies, now and as may any and all liabilities, losses or damages, claims, demands, causes of action, suits and proceedings regarding, but not limited to all costs, fees and expenses incurred by, and/or awarded as a result of, and/or in any way occurring, incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. To apply, this act or default of pursuant of "Act of" damage to, loss of, or loss of use of property owned by Client, or loss of injury to) of any kind of character. This indemnity does not apply to any of the foregoing losses, claims damages, or expenses caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, the indemnity and agreement to defend shall apply whether or not such claims, demands, causes of action, suits, proceedings or liabilities are groundless, false or fraudulent and regardless of whether such are caused by any indemnified Person, whether active or engaged in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, Client agrees that its indemnity obligation will be supported by available liability insurance coverage to be provided by client, which insurance shall be in the maximum amounts permitted under applicable law, and in every event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption. Litigation Expenses in other fees including, without limitation, attorney's fees, court costs, and/or pre or post judgment interest, or any other expenses or costs incurred by Client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or on services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any Hazardous Material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by Client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit worthiness has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedures or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only if in writing and executed by an officer of PCL and by client authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is issuing services and/or reports for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 5pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (such as 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

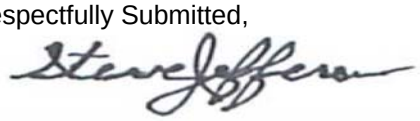
Attention: Ric Vardel
Report Date: 01-Oct-18 18:04
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18I0517-01) Collected: 23-Sep-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AI82529	2	30-Sep-18 (VL)	<2 mg/l	
pH	SM4500-H-B	AI82525	0.1	23-Sep-18 (SS)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AI82313	0.05	23-Sep-18 (PL)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AI82311	1.8	26-Sep-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AI82311	1.8	26-Sep-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 10/1/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18I0517

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Ric VARDEL	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	9/23	0815	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
〃	〃	〃	1	BOD	Grab	AQ	1L P	4°C	
〃	〃	〃	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	Ric VARDEL (IR)	9/23	0815
Received by	Alex Walker JR (PCL)	9/23/18	08:30
Relinquished by			
Received by			
Relinquished by			
Received in lab by	Alex Walker JR	9/23/18	1151

Sample Received Checklist

Temperature upon receipt: 4 °C

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type: Grab, Comp

Matrix: AQ - Water, SO - Soil / Sludge, OT - Other

Bottle Type: P - Plastic, G - Amber Glass, VOA - 40 ml Vial, Coli - bacteria

Preservations: HC - HCl, HS - H_2SO_4, HN - HNO_3, HP - H_3PO_4, OH - NaOH, ST - Sodium Thiosulfate, AA - Ascorbic Acid, AI - $AlCl_3$, Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these terms and conditions of sale, including the price schedule, and any additional or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its owners, successors, assigns and representatives. "Price Schedule" means PCL's then-established price schedule for services, which may be updated by PCL from time to time. "Work Order" means a written document which is signed by Client and accepted by PCL.

2. Independent Contractor

PCL acts as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services hereunder expressly only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and Client shall have executed a separate agreement in written which is incompatible with these Terms. No terms or terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may offer (or request) a written order (or proposal) to PCL any such order constitutes (i) an acceptance by the client of PCL's offer to do business with the client under these terms and conditions and (2) an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or PCL's initial consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (LAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a Work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition, which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern the performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the fact the materials given to the client or as work is required and the results obtained by PCL shall be held in confidence unless such information is generally available to the public or the media, disclosed or otherwise made known by the client or a third party. Client agrees that PCL, its employees and agents may, from time to time, use Client's name in lists of customers and in descriptions of PCL's capabilities and experience. Client agrees that PCL may publish and disseminate to the public, including potential customers, descriptive information about the services performed by PCL for Client, including the fact that PCL performed such services for Client.

10. Hold Harmless

Client shall indemnify, defend and hold harmless PCL, its officers, agents, employees and successors from and against any and all claims, demands, losses, liabilities, costs and expenses (including reasonable attorneys' fees) asserted against or incurred by PCL, its officers, agents, employees or successors arising out of or in connection with the performance of the services by PCL hereunder, except to the extent that such claims, demands, losses, liabilities, costs and expenses are caused by the gross negligence or willful misconduct of PCL, its officers, agents, employees or successors. Client shall indemnify, defend and hold harmless PCL, its officers, agents, employees and successors from and against any and all claims, demands, losses, liabilities, costs and expenses (including reasonable attorneys' fees) asserted against or incurred by PCL, its officers, agents, employees or successors arising out of or in connection with the performance of the services by PCL hereunder, except to the extent that such claims, demands, losses, liabilities, costs and expenses are caused by the gross negligence or willful misconduct of PCL, its officers, agents, employees or successors. Client shall indemnify, defend and hold harmless PCL, its officers, agents, employees and successors from and against any and all claims, demands, losses, liabilities, costs and expenses (including reasonable attorneys' fees) asserted against or incurred by PCL, its officers, agents, employees or successors arising out of or in connection with the performance of the services by PCL hereunder, except to the extent that such claims, demands, losses, liabilities, costs and expenses are caused by the gross negligence or willful misconduct of PCL, its officers, agents, employees or successors. Client shall indemnify, defend and hold harmless PCL, its officers, agents, employees and successors from and against any and all claims, demands, losses, liabilities, costs and expenses (including reasonable attorneys' fees) asserted against or incurred by PCL, its officers, agents, employees or successors arising out of or in connection with the performance of the services by PCL hereunder, except to the extent that such claims, demands, losses, liabilities, costs and expenses are caused by the gross negligence or willful misconduct of PCL, its officers, agents, employees or successors.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples in such containers as are asbestos, polychlorinated biphenyls, bacteria or any other substances or trace material, wastes and substances which are in fact, or recognized to constitute a risk to the environment, state or local laws. PCL policies or regulations (with the interpretation of the EPA or any local or governmental or any judicial or administrative interpretation of any part of the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of unexposed portions of samples as directed by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current service and price schedule. In addition, all samples received by PCL for analysis become property of PCL and may be disposed of by PCL after a sample disposal fee, per sample submitted, in accordance with PCL's QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of application for the same the services were rendered or such other quoted and agreed upon price in writing. The price schedule is subject to change at any time without notice. Payment in advance of services may be required or requested for all new clients. Terms of payment and all invoices are due upon receipt unless otherwise specified by PCL. For those clients with an established credit line, the terms for payment of invoices are NET 30 days unless otherwise specified by PCL. Invoices not paid within thirty (30) days from date of invoice, or other credit terms as may be established by PCL, shall be subject to interest at the rate of one and one-half percent (1.5%) per month (or the highest amount permitted by law, if lesser) on the unpaid balance. If unpaid amounts are referred to collection or legal action for enforcement of payment, Client shall pay reasonable attorneys' fees and costs of collection. Client shall pay all taxes, duties and assessments of any nature now or hereafter imposed on or with respect to the services.

13. Agreement Modification

Except as otherwise provided herein, the Terms shall be effective upon writing and executed by authorized officers and any changes and modifications must be in writing. Either party may request changes in the Terms, but no changes shall be binding upon PCL unless accepted by it in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for Client's use of or reliance on data, information, or reports furnished to PCL. Client in securing services hereunder for its own account, and not as agent or broker for any other representative capacity for any corporation or entity, it is agreed and understood that there are no third party beneficiaries to this agreement and that no third party may rely upon data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or syndication of any securities, any portion of same supporting the holders of any security, the issuing, amendment, renewal or extension of any loan from any financial institution or other lender or the participation in or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analytes with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 7-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (extraction is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late deliveries, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All PCL representatives have been trained on the fee schedule. Reasonable time has been allocated for each pick up to include unnecessary delays during the pick up or sampling, might be processed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

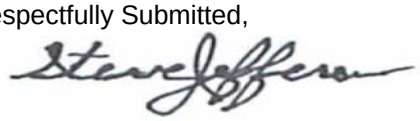
Attention: Ric Vardel
Report Date: 01-Oct-18 18:07
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18I0524-01) Collected: 24-Sep-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AI82529	2	30-Sep-18 (VL)	<2 mg/l	
pH	SM4500-H-B	AI82525	0.1	24-Sep-18 (SS)	7.3 pH Units	
Residual Chlorine	SM 4500 Cl-G	AI82519	0.05	25-Sep-18 (PL)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AI82428	1.8	26-Sep-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AI82428	1.8	26-Sep-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 10/1/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18E0524

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	09/24/18	0805	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.3 / 23.4 °C
			1	BOD	Grab	AQ	1L P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD: Logcode: IPCI Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (SRE)	09/24/18	
Received by		(PCL)	9/24/18	9:30
Relinquished by		(PCL)	9/24/18	2:30
Received by				
Relinquished by				
Received in lab by			9/24/18	1720

Sample Received Checklist

Temperature upon receipt: 9°C

# of bottles agrees with COC? (Yes) No

Samples intact? (Yes) No

Samples properly preserved? (Yes) No

Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his/her or their successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or supplemented from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services performed hereunder only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The Client may order services by submitting a written chain of custody (COC) to PCL any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or instructing consulting services constitutes the client's express assent to be governed by these terms and conditions. No ordinary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the sample(s) or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials presented by client or its client's consultant and the reports delivered by PCL shall be held in confidence unless such information is generally available to the public or is the public domain or client is filed to pay PCL for all services rendered or is otherwise in breach of the agreement, subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such data where such standard was observed. PCL reports and information provided shall be solely for the exclusive use and benefit of client and client agrees that it shall be the third party beneficiary of such reports. Save as set forth herein, Client will not disclose to any third party, per publication concerning technical information, without prior written permission from PCL.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against all suits and all liabilities, losses or damages, claims, demands, causes of action, costs and associated expenses, including, but not limited to, attorneys fees and litigation expenses and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or representations regarding the disposal of items / hazardous materials, 1. injury, illness or death of persons; 2. loss of, damage to, use of, trespass of use of property; and/or 3. pollution, any of which may occur at any time. This indemnity shall apply to any of the foregoing which results, causes, or is claimed to result solely or in part by negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to, without limitation, actions of every kind and character arising out of or in connection with the negligence of an independent contractor, any independent person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have arising and the other indemnities herein. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption, litigation expenses or other fees including, without limitation, attorney's fees, court costs, and the cost of joint judgment reversal, or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or the services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples or materials for analytes such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes or substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (together with existing or hereafter enacted or promulgated or any judicial or administrative interpretations of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for analysis for total oil analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of operations or the date the services were rendered or as otherwise quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance of sample analysis or completion is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoice. To the fullest extent permitted by law, PCL may apply a service charge on any amount unpaid by the end of thirty (30) days, accrued interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agency fees associated with such collection proceedings or efforts.

13. Agreement Modification

Changes, modifications or amendments to this terms shall be effective only in writing and executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. client is securing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to rely upon, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 5pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times of 7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short holding times of 48 hours or less (Bacteria) 6-8 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 01-Oct-18 18:09
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18I0549-01) Collected: 25-Sep-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AI82625	2	01-Oct-18 (SGS)	2 mg/l	
pH	SM4500-H-B	AI82626	0.1	26-Sep-18 (SS)	7.3 pH Units	
Residual Chlorine	SM 4500 Cl-G	AI82535	0.05	25-Sep-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AI82527	1.8	27-Sep-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AI82527	1.8	27-Sep-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 10/1/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18-T0549

Customer: IPC, Inc.		**Project:** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** Carlos Alvarez	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field / Lab
EFF	09/25/18	0805	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.3/7.4
			1	BOD	Grab	AQ	1L P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez	09/25/18	
Received by		(PCL)	9/25/18	10:07
Relinquished by		PCL	9/25/18	1:08
Received by				
Relinquished by				
Received in lab by			9/25/18	1800

Sample Received Checklist

Temperature upon receipt: 4°C
# of bottles agrees with COC? Yes No
Samples intact? Yes No
Samples properly preserved? Yes No
Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____
Final Flow _____

Sample Type	Preservations
Grab	HC - HCl
Comp	HS - H_2SO_4
Matrix	HN - HNO_3
AQ - Water	HP - H_3PO_4
SO - Soil / Sludge	OH - NaOH
OT - Other	ST - Sodium Thiosulfate
Bottle Type	AA - Ascorbic Acid
P - Plastic	Al - $AlCl_3$
G - Amber Glass	Cu - $CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consisting of sampling services and the results, documents, reports and representations. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or released from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes (i) an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and (ii) an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. All contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "Services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (TLAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

shall not be responsible for delay or failure to perform under pursuant to this agreement due to causes its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has agreed to give PCL for all services rendered) or is otherwise in breach of the agreement subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such data when such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees that shall not hold party harmless for any misuse, misinterpretation of such data, information, standard, test result or procurement or other form thereof.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, costs and associated expenses (including, but not limited to attorneys' fees, other Litigation Expenses) and amounts arising in favor of client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement, and/or transportation, handling or disposal of client's hazardous materials, 1. Injury, disease or death of persons 2. Loss of, damage to, loss of, control of use of property, and/or 3. Pollution of (or of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages or expenses caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, and costs of every kind and character arising out of and in connection with the negligence or breach of contract by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be to the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption, litigation expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples or materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by all by applicable law, any amount unpaid at the expiration of thirty (30) days in arrears shall bear interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, or notifications or amendments to the terms shall be effective only if in writing and executed by an officer of PCL and by the or authorized representative. Verbal instructions subsequent orders for additional services may be carried out by PCL.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or results furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (analysis is 48 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Prearranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 01-Oct-18 18:11
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18I0585-01) Collected: 26-Sep-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AI82625	2	01-Oct-18 (SGS)	2 mg/l	
pH	SM4500-H-B	AI82710	0.1	26-Sep-18 (SS)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AI82630	0.05	26-Sep-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AI82627	1.8	28-Sep-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AI82627	1.8	28-Sep-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 10/1/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18F0585

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH (Field) Lab
EFF	09/26/18	0900	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.4/24.4
"	"	"	1	BOD	Grab	AQ	1L P	4°C	
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (SPC)	09/26/18	
Received by		PCL	9/26/18	9:07
Relinquished by		(PCL)	9/26/18	11:0
Received by				11:28
Relinquished by				
Received in lab by			9/26/18	1130

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Sample Received Checklist

Temperature upon receipt: 4.1°C

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of Sale, including the price schedule, and any addenda or agreements hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, submitting or sampling services and his or her heirs, successors, assigns and representatives. "Price Schedule" means Pat Chem Laboratories (PCL) standard price schedule as such document may be amended or released from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which governs and supersedes the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes (i) an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and (2) an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the Terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official AnalyCcal Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is in the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or from process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be liable for unauthorized disclosure of data unless such standard was observed. PCL reports and information or exhibits thereto are for the exclusive use and benefit of client and no copies thereof shall be furnished to any person(s) or use of reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other know-how.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses, damages, claims, demands, causes of action, suits and associated expenses, including, but not limited to, all court fees, litigation expenses and awards arising in favor of Client or any third party as a result of, and/or in any way occurring, incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. injury, disease or death of persons 2. loss of, damage to, loss of, or use of real property and/or 3. financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and shall be arising out of or in connection with the negligence of or breach of contract by any indemnified person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnity will be in addition to any liability which the client might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including without limitation, loss of profit or business interruption, Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and pre and post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified persons) in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of application or the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or email analysis is required for all new clients or where a history of payment and/or credit worthiness has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoice. To the fullest extent permitted (if at all) by applicable law, any amount unpaid on the said 30 thirty (30) day is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client or payer will pay any and all attorney's fees or agents' fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the Terms shall be effective only in writing and executed by an officer of PCL and by client, authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client is providing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times (2-7 days), samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (such as 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for lengthy periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

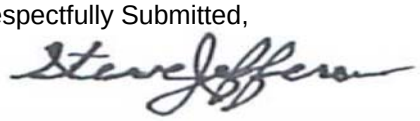
Attention: Ric Vardel
Report Date: 05-Oct-18 15:40
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18I0622-01) Collected: 27-Sep-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AI82808	2	03-Oct-18 (SGS)	<2 mg/l	
pH	SM4500-H-B	AI82810	0.1	28-Sep-18 (SS)	7.6 pH Units	
Residual Chlorine	SM 4500 Cl-G	AI82805	0.05	28-Sep-18 (PL)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AI82713	1.8	29-Sep-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AI82713	1.8	29-Sep-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 10/5/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 180622

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine	CA 92618	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	09/27/18	0810	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.6 / 23.7
	"	"	1	BOD	Grab	AQ	1L P	4°C	
	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by	C. Alvarez.	Carlos Alvarez	09/27/18	
Received by		PCL	9/27/18	9:33
Relinquished by		(PCL)	9/27/18	11:18
Received by				
Relinquished by				
Received in lab by			9/27/18	11:40

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or released from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.
The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.
The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.
For purpose of this Agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the US Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) or the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

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10. Hold Harmless

Client releases and shall save, indemnify, defend and keep PCL, its employees, officers, directors, agents, affiliates, successors and assigns harmless from and against any and all actions, losses or damages, claims, demands, causes of action, costs and reasonable expenses including, but not limited to, all court fees (but litigation Expenses) and awards arising out of claims by any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, personal death of persons, 2. loss of, damage to, or use or loss of use of property, and/or 3. losses of moral, money and of character. This indemnity does not apply to any of the foregoing losses, costs, damages or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. For purposes of this indemnity shall specifically apply to, cover, claims, damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any "Indemnified Person," whether active or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client may otherwise owe PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive special, incidental or consequential damages including, without limitation, loss of profit or business interruption, litigation Expenses or other fees including, without limitation, attorney's fees, court costs, and for pre or post judgment interest, or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

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For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analytes such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

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PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports distributed by PCL. Client is securing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party is privy to such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any securities, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 5pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times ≤ 7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (listed in 6 hours) must be delivered the same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

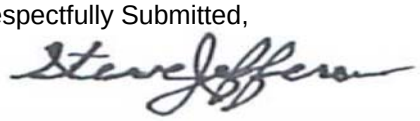
Attention: Ric Vardel
Report Date: 05-Oct-18 16:29
Subject: (MCC) Weekly EFF

Project/P.O.#: (MCC) Weekly EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18I0649-01) Collected: 27-Sep-18 By IPC						
Ammonia as N	EPA 350.1	AI82807	0.10	28-Sep-18 (SGS)	<0.10 mg/l	
Nitrate as N	EPA 353.2	AI82814	0.20	28-Sep-18 (LA)	2.45 mg/l	
Nitrite as N	EPA 353.2	AI82814	0.02	28-Sep-18 (LA)	<0.02 mg/l	
Total Kjeldahl Nitrogen	EPA 351.2	AJ80126	0.10	02-Oct-18 (LA)	0.76 mg/l	
Total Suspended Solids	SM 2540D	AI82811	1	28-Sep-18 (EA)	<1 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 10/5/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18I0049

Customer: IPC, Inc.		**Project:** (MCC) Weekly EFF	
Address: 9297 Research Drive		**Sampled by:** Carlos Alvarez	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	09/27/18	1410	1	TSS	Grab	AQ	1L P	4°C	
			1	NH4, TKN	Grab	AQ	500 P	HS	
			1	NO2, NO3	Grab	AQ	500 P	4°C	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	Carlos Alvarez (SPC)	09/27/18	
Received by	PCL	9/27/18	2:40
Relinquished by	PCL	9/27/18	4:30
Received by			
Relinquished by			
Received in lab by		9/27/18	1640

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Sample Received Checklist

Temperature upon receipt: 4°C
# of bottles agrees with COC? Yes No
Samples intact? Yes No
Samples properly preserved? Yes No
Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____
Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

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1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

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The client may order Services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.
For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

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Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and test sample materials provided by client or at client's request and the results released by PCL shall be held in confidence (unless such information is generally available to the public, or is the public domain or client has failed to pay PCL for all services rendered, or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care as it uses in protecting its own confidential data and shall limit the responsible personnel's disclosure of such data where such confidentiality is observed. PCL reports and information provided thereunder are for the exclusive use and benefit of Client and client's agent. There shall be no third party beneficiaries of such reports, data or information. Clients will not disclose to any third party any information concerning technical information, software programs or other know-how.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, costs and associated expenses including, but not limited to, all court fees (and Litigation Expenses) and awards arising in favor of Client or any third party as a result of, related in any way to or arising incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials: 1. injury, disease or death of persons 2. loss of, damage to, use of, or loss of use of property and/or 3. financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other Indemnified Persons. To the extent best allowed under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by at all by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceeding or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only if in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 2pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES
QUALITY ANALYTICAL SERVICES SINCE 1987
1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

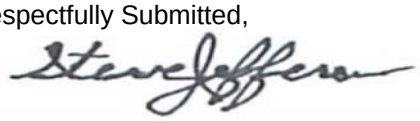
Attention: Ric Vardel
Report Date: 05-Oct-18 16:31
Subject: (MCC) Weekly INF

Project/P.O.#: (MCC) Weekly INF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
INF (Sample I.D.# : 18I0651-01) Collected: 27-Sep-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AI82808	2	03-Oct-18 (SGS)	531 mg/l	
Total Suspended Solids	SM 2540D	AI82811	1	28-Sep-18 (EA)	240 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 10/5/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18T0657

Customer: IPC, Inc.		**Project :** (MCC) Weekly INF	
Address: 9297 Research Drive		**Sampled by:** Carlos Alvarez	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
INF	09/27/18	1330	1	TSS	Grab	AQ	1L P	4°C	
"	"	"	1	BOD	Grab	AQ	1L P	4°C	
Geotracker EDD: Logcode: IPCI Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	09/27/18	
Received by		PCL	9/27/18	2:40
Relinquished by		PCL	9/27/18	4:00
Received by				
Relinquished by				
Received in lab by			9/28/18	1600

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL)'s standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined below) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound to these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

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The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

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10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses, including, but not limited to, all court fees (including Attorney's Fees) and agents arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. Injury, disease or death of persons 2. Loss of, damage to, loss of, or loss of use of property and or 3. Financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages or monies caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees client's indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) Legal cost, Expenses or other fees including, without limitation, attorney's fees, court costs, and /or pre or post-judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

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15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times 2-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

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18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pic or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

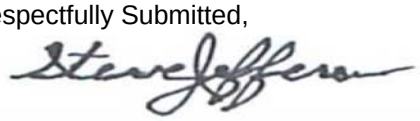
Attention: Ric Vardel
Report Date: 05-Oct-18 15:44
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18I0657-01) Collected: 28-Sep-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AI82808	2	03-Oct-18 (SGS)	<2 mg/l	
pH	SM4500-H-B	AI82920	0.1	29-Sep-18 (JC)	7.2 pH Units	
Residual Chlorine	SM 4500 Cl-G	AI82921	0.05	29-Sep-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AI82815	1.8	30-Sep-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AI82815	1.8	30-Sep-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 10/5/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18I0657

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine	CA 92618	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9007

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: (Field) Lab
EFF	09/28/18	0830	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.2/22.7°C
			1	BOD	Grab	AQ	1L P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Relinquished by / Received by	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (PCL)	09/28/18	0941
Received by		MARIO SANTIESTEBAN (PCL)	9/28/18	0941
Relinquished by		MARIO SANTIESTEBAN (PCL)	9/28/18	1139
Received by				
Relinquished by				
Received in lab by		P/C	9/28/18	1140

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

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8. Force Majeure

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Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of confidential information where such standard was observed. PCL reports and information provided hereto are for the exclusive use and benefit of client and Client agrees there shall be no third party beneficiary of PCL reports, data or information. Client will not disclose to any third party any information concerning technical information, software, programs or other proprietary.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, parent, affiliates, subsidiaries and agents harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, costs and associated expenses, including, but not limited to attorneys' fees (the "Liabilities"), and awards arising in favor of Client or any third party, as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. injury, disease or death of persons 2. Loss of, damage to, loss of, or loss of use of property and or 3. Financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages or liabilities proximately to the extent negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence or breach of contract by any independent person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which Client might otherwise have to PCL and the other indemnified Persons. To the extent universally under applicable law, Client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by Client, which insurance shall be to the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption. Litigation Expenses in either fees including, without limitation, attorney's fees, court costs, and /or pre or post judgment interests, or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified persons in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any Hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portion of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis client will be charged a sample disposal fee, per sample submitted in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at anytime without notice. Payment in advance or when analysis is completed is required for all new clients until a history of payment and credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees in addition to such collection proceedings.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only if in writing and executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants and agrees that said data, information and reports are not requested, or shall not be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the issuing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

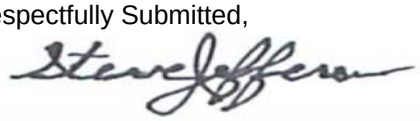
Attention: Ric Vardel
Report Date: 05-Oct-18 15:46
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18I0681-01) Collected: 29-Sep-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AI83024	2	05-Oct-18 (EA)	7 mg/l	
pH	SM4500-H-B	AJ80326	0.1	29-Sep-18 (SS)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AJ80121	0.05	29-Sep-18 (PL)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AI82919	1.8	01-Oct-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AI82919	1.8	01-Oct-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 10/5/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 19106581

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	09/29/18	0855	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
~~Geotracker EDD:~~ Logcode: IPCI Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	Carlos Alvarez (IPC)	09/29/18	
Received by			
Relinquished by	Jose L Gomez	9-29-18	1100
Received by			
Relinquished by			
Received in lab by			

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was met. All PCL reports and information provided thereunder are for the exclusive use and benefit of Client and Client agrees that it shall not rely on third party beneficiary of such reports, data or information. Client will not disclose to any third party any interpretation, arising technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to attorneys' fees, litigation expenses and amounts arising in favor of Client or any third party as a result of, and/or in any way occurring, incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. injury, disease or death of persons 2. actual damage to, loss of, or loss of use of property and or 3. freedom or loss of many similar type etc. This indemnity does not apply to any of the foregoing losses, costs, damages or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, costs of every kind and character arising out of or in connection with the negligence or breach of contract by any indemnified Person, whether active or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, Client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive special, incidental or consequential damages including, without limitation, loss of profit or business interruption) Litigation Expenses or other fees including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest, or any other expenses or costs incurred by client or any other party, in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (weather now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

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Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by clients authorized representative. Except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client is securing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of the security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 5pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

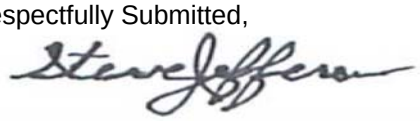
Attention: Ric Vardel
Report Date: 08-Oct-18 16:55
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18I0686-01) Collected: 30-Sep-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AJ80221	2	07-Oct-18 (VL)	<2 mg/l	
pH	SM4500-H-B	AJ80326	0.1	30-Sep-18 (SS)	7.3 pH Units	
Residual Chlorine	SM 4500 Cl-G	AJ80121	0.05	01-Oct-18 (PL)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AI83027	1.8	02-Oct-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AI83027	1.8	02-Oct-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 10/8/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: K10686

Customer: IPC, Inc.		**Project :** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by** Carlos Alvarez	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	09/30/18	0915	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	09/30/18	1225
Received by		Jordan Corkery	09/30/18	1225
Relinquished by				
Received by				
Relinquished by				
Received in lab by				

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? (Yes) No

Samples intact? (Yes) No

Samples properly preserved? (Yes) No

Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
~~Grab~~
(Comp)

Matrix
(AQ) -Water
SO -Soil / Sludge
OT - Other

Bottle Type
~~P~~ -Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu -$CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

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PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or in the public domain or client has failed to pay PCL for all services rendered) or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereon are for the exclusive use and benefit of client and client agrees that it will not hold party benefitary of our reports, data or information. Client without disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, successors and assigns harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to, all court fees (the Litigation Expenses) and awards arising in favor of Client or any third parties as a result of, relating in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. injury, disease or death of persons 2. (2a) of, damage to, loss of, or loss of use of property and/or 3. Financial loss of every kind and character. This indemnity does not apply to any of the foregoing losses, costs, damages or liabilities arising solely by the sole negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence or in breach of contract by any indemnified Person, whether actual or alleged, or the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be to the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive special, incidental or consequential damages including, without limitation, loss of profit or business interruption. Litigation Expenses or other fees including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Material. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analyses, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted or at all by applicable law, any amount unpaid at the end of thirty (30) days of invoice to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amount is to be collected through legal proceedings or by an attorney, the client or all pay reasonable costs and attorney's fees or agents' fees associated with such collection procedures or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on said data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (Bacteriology 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

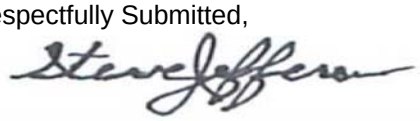
Attention: Ric Vardel
Report Date: 08-Oct-18 17:02
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18J0019-01) Collected: 01-Oct-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AJ80221	2	07-Oct-18 (VL)	<2 mg/l	
pH	SM4500-H-B	AJ80326	0.1	01-Oct-18 (SS)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AJ80214	0.05	02-Oct-18 (PL)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AJ80130	1.8	03-Oct-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AJ80130	1.8	03-Oct-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 10/8/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18J0019-01

Customer: IPC, Inc.		Project: **(MCC) Daily EFF**	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	10/01/18	1110	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
"	"	"	1	BOD	Grab	AQ	1L P	4°C	
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

~~Geotracker EDD:~~
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez	10/01/18	
Received by		Cuate (VC)	10/1/18	1230
Relinquished by		Cuate (JM)	10/1/18	1400
Received by				
Relinquished by				
Received in lab by		KC	10.1.18	1400

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? ~~Yes~~ No

Samples intact? ~~Yes~~ No

Samples properly preserved? ~~Yes~~ No

Samples in holding time? ~~Yes~~ No

Compliance Monitor

Initial Flow _____

Final Flow _____

~~Sample Type~~
Grab
Comp

~~Matrix~~
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound to these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has failed to pay PCL for all services rendered) or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such data where such standard was observed. PCL reports and information provided therein are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

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Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses (including, but not limited to all court fees (the "Litigation Expenses")) and awards arising in favor of Client or any third party, as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, disease or death of persons 2. Loss of, damage to, loss of, or loss of use of property and or 3. financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and charge, by among out of or in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) Litigation Expenses or other fees including, without limitation, attorney's fees, court costs, and /or pre or post-judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

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15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM LABORATORIES
QUALITY ANALYTICAL SERVICES SINCE 1987
1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

This WCN report data was utilized for MCC weekly EFF results 20181002_mcc_weekly_eff.

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 08-Oct-18 17:17
Subject: (WCN) Weekly EFF

Project/P.O.#: (WCN) Weekly EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18J0066-01) Collected: 02-Oct-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AJ80324	2	08-Oct-18 (SGS)	4 mg/l	
Oil & Grease (HEM)	EPA 1664A	AJ80328	5	04-Oct-18 (WW)	<5 mg/l	
pH	SM4500-H-B	AJ80326	0.1	02-Oct-18 (SS)	7.3 pH Units	
Total Suspended Solids	SM 2540D	AJ80409	1	04-Oct-18 (EA)	1 mg/l	
Turbidity	EPA 180.1	AJ80332	0.1	03-Oct-18 (SGS)	0.2 NTU	
Enterococcus	SM 9230D	AJ80225	1.0	03-Oct-18 (JC)	<1.0 MPN/100 ml	
Fecal Coliforms	SM 9221E	AJ80225	1.8	04-Oct-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AJ80225	1.8	04-Oct-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 10/8/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18J0066

Project: (WCN) Weekly EFF

Customer: IPC, Inc.
Address: 9297 Research Drive
Irvine CA 92618

Sampled by: Golan Kfir
Report Attention: Ric Vardel / Golan Kfir

P.O. #:
Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	10/2/18	12:30	1	pH, TSS, BOD, Turbidity	Grab	AQ	1/2 gal	4°C	
	"	"	1	Oil & Grease	Grab	AQ	1L G	HC	
	~	~	2	T.Coli., F.Coli., Entero.	Grab	AQ	Coli	ST	

~~Geotracker EDD:~~
Logcode: IPCI
Global ID: WDR100001580

Signature	Print Name (Company)	Date	Time
Relinquished by GK	Golan IPC	10/2/18	
Received by	Dan/Lum PCL	10/2/18	1415
Relinquished by	Dan/Lum PCL	10/2/18	1552
Received by			
Relinquished by			
Received in lab by	PCL	10-2-18	1552

Sample Received Checklist

Temperature upon receipt: 4
# of bottles agrees with COC? Yes No
Samples intact? Yes No
Samples properly preserved? Yes No
Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____
Final Flow _____

Sample Type	Preservations
Grab Comp	HC - HCl HS - H_2SO_4
Matrix AQ - Water SO - Soil / Sludge OT - Other	HN - HNO_3 HP - H_3PO_4 OH - NaOH ST - Sodium Thiosulfate
Bottle Type P - Plastic G - Amber Glass VOA - 40 ml Vial Coli - bacteria	AA - Ascorbic Acid Al - $AlCl_3$ Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or his heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

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PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (TLAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC) Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Majeure

be responsible for delay or failure to perform
ant to this agreement due to causes

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL must use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software processes or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all Liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to, all court fees (the Litigation Expenses) and awards arising in favor of client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, disease or death of persons 2. Loss of, damage to, loss of, or loss of use of property and or 3. financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption. Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post-judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any Hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET (30) within thirty (30) days from date of invoices. To the fullest extent permitted by all by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law of one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or "agency" fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the solicitation to so contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analytes with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be processed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

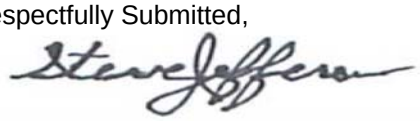
Attention: Ric Vardel
Report Date: 15-Oct-18 16:25
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18J0100-01) Collected: 03-Oct-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AJ80414	2	09-Oct-18 (SGS)	7 mg/l	
pH	SM4500-H-B	AJ80622	0.1	03-Oct-18 (JC)	7.3 pH Units	
Residual Chlorine	SM 4500 Cl-G	AJ80418	0.05	04-Oct-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AJ80322	1.8	05-Oct-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AJ80322	1.8	05-Oct-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 10/15/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18)0100

Customer: IPC, Inc.		Project: **(MCC) Daily EFF**	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine	CA 92618	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	10/03/18	1215	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
"	"	"	1	BOD	Grab	AQ	1L P	4°C	
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	10/03/18	
Received by			10/3/18	1520
Relinquished by			10/3/18	1520
Received by				1600
Relinquished by				
Received in lab by			10.3.18	16:00

Sample Received Checklist

Temperature upon receipt: 4
# of bottles agrees with COC? Yes No
Samples intact? Yes No
Samples properly preserved? Yes No
Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____
Final Flow _____

Sample Type	Preservations
Grab / Comp	HC - HCl
Matrix	HS - H_2SO_4
AQ - Water	HN - HNO_3
SO - Soil / Sludge	HP - H_3PO_4
OT - Other	OH - NaOH
Bottle Type	ST - Sodium Thiosulfate
P - Plastic	AA - Ascorbic Acid
G - Amber Glass	AI - $AlCl_3$
VOA - 40 ml Vial	Cu - $CuSO_4$
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.
The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions.
The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.
For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S Environmental Protection Agency (EPA), EA Waterboard (EAAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was complied. PCL reports and information provided hereunder are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

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PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 15-Oct-18 16:28
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18J0134-01) Collected: 04-Oct-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AJ80515	2	10-Oct-18 (SGS)	<2 mg/l	
pH	SM4500-H-B	AJ80622	0.1	04-Oct-18 (JC)	7.6 pH Units	
Residual Chlorine	SM 4500 Cl-G	AJ80517	0.05	05-Oct-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AJ80419	1.8	06-Oct-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AJ80419	1.8	06-Oct-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 10/15/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18 J0134

Customer: IPC, Inc.		Project: **(MCC) Daily EFF**	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	10/04/18	1140	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD: Logcode: IPCI Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	10/04/18	
Received by	EB	Evard (PCL)	10/4/18	1240
Relinquished by	EB	Evard (PCL)	10/4/18	1330
Received by				
Relinquished by				
Received in lab by		PCL	10-4-18	1330

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

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PCL acts solely as an independent contractor in performing all services.

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PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) or other examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

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10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses, including, but not limited to, all court fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, or in any way occurring, incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or sample collection, handling or disposal of Client's hazardous materials, 1. injury, disease or death of persons 2. loss of, damage to, or use of, or loss of use of property and/or 3. financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages or liabilities caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence or breach of contract by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have in PCL and the other Indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including without limitation, loss of profit or business interruption) Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Material. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or credit analysis is completed is required for all new clients or build a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by law or as applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedures or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing Services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to record value in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any securities, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (Lactose is 8 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 15-Oct-18 17:00
Subject: (MCC) Weekly EFF

Project/P.O.#: (MCC) Weekly EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18J0135-01) Collected: 04-Oct-18 By IPC						
Ammonia as N	EPA 350.1	AJ80507	0.10	05-Oct-18 (SGS)	<0.10 mg/l	
Nitrate as N	EPA 353.2	AJ80512	0.02	05-Oct-18 (LA)	1.61 mg/l	
Nitrite as N	EPA 353.2	AJ80512	0.02	05-Oct-18 (LA)	<0.02 mg/l	
Total Kjeldahl Nitrogen	EPA 351.2	AJ80828	0.10	09-Oct-18 (LA)	0.95 mg/l	
Total Suspended Solids	SM 2540D	AJ80505	1	05-Oct-18 (SGS)	<1 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 10/15/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18J0135

Customer: IPC, Inc.		**Project:** (MCC) Weekly EFF	
Address: 9297 Research Drive		**Sampled by** Carlos Alvarez	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	10/04/18	1140	1	TSS	Grab	AQ	1L P	4°C	
"	"	"	1	NH4, TKN	Grab	AQ	500 P	HS	
"	"	"	1	NO2, NO3	Grab	AQ	500 P	4°C	
Geotracker EDD: Logcode: IPCI Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by	C. Alvarez	Carlos Alvarez (GPC)	10/04/18	
Received by	Evans	[illegible]	10/4/18	1240
Relinquished by	Evans	[illegible]	10/4/18	1530
Received by				
Relinquished by				
Received in lab by	[illegible]	[illegible]	10/4/18	1430

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? (Yes) No

Samples intact? (Yes) No

Samples properly preserved? (Yes) No

Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
(Grab) Comp

Matrix
(AQ) - Water
SO -Soil / Sludge
OT - Other

Bottle Type
(P) - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments thereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC) Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process, PCL shall use the same standard of care it uses in protecting its own confidential data and PCL shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software processes or other proprietary.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, costs and associated expenses including, but not limited to all court fees (the obligation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or client's failure, training or disposal of client's hazardous materials, 1. injury, disease or death of persons, 2. loss of damage to, loss of, or loss of use of property, and/or 3. financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages or liabilities caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence at or breach of conduct by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the minimum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption. Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or the services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any fecal bacterial analysis, client will be charged a sample disposal fee per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations in the state the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required, but all new clients or with a history of payment and/or credit are subject to, shall be established with PCL. For those clients with pre-established credit, except the terms for payment of invoices are NET (AGREEMENT) thirty (30) days from date of invoice. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law, at one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees for all/any fees associated with such collection proceedings or efforts.

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14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client is securing services hereunder for his, their account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 7-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage term.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

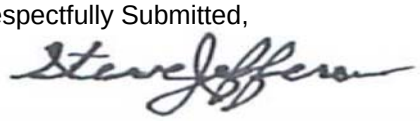
Attention: Ric Vardel
Report Date: 15-Oct-18 17:05
Subject: (MCC) Weekly INF

Project/P.O.#: (MCC) Weekly INF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
INF (Sample I.D.# : 18J0136-01) Collected: 04-Oct-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AJ80515	2	10-Oct-18 (SGS)	441 mg/l	
Total Suspended Solids	SM 2540D	AJ80505	1	05-Oct-18 (SGS)	184 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 10/15/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18j0136

Customer: IPC, Inc.		Project : **(MCC) Weekly INF**	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez (CPC)	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
INF	10/04/18	1050	1	TSS	Grab	AQ	1L P	4°C	
	1	1	1	BOD	Grab	AQ	1L P	4°C	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (CPC)	10/04/18	
Received by		Evans PCL	10/4/18	1240
Relinquished by		Evans PCL	10/4/18	1330
Received by				
Relinquished by				
Received in lab by		PCL	10.4.18	1530

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. Any contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has filed to pay PCL for all services rendered) or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of confidential where such standard was observed. PCL reports and information provided hereunder are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software, processes or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent) harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, costs and associated expenses including, but not limited to, all court fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring, incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, disease or death of persons 2. loss of, damage to, loss of, or loss of use of property and/or 3. financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages or expenses caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence or breach of contract by the indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive special, incidental or consequential damages including without limitation, loss of profit or business interruption. Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, Bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (weather now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance to when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid accounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedures or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any securities, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

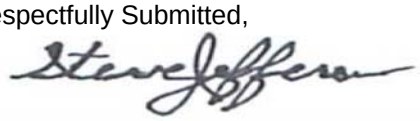
Attention: Ric Vardel
Report Date: 15-Oct-18 16:31
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18J0169-01) Collected: 05-Oct-18 By IPC						
pH	SM4500-H-B	AJ80622	0.1	05-Oct-18 (JC)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AJ80623	0.05	06-Oct-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AJ80509	1.8	07-Oct-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AJ80509	1.8	07-Oct-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 10/15/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18)0169

Customer: IPC, Inc.		Project: **(MCC) Daily EFF**	
Address: 9297 Research Drive		Sampled by: Golan Kfir	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	10/5/18	9:30	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
~~1~~			~~1~~	~~BOD~~	~~Grab~~	~~AQ~~	~~1L P~~	~~4°C~~	
	~	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by	GK	Golan IPC	10/5/18	
Received by	[signature]	David Lara PC	10/5/18	1235
Relinquished by	[signature]	David Lara PC	10/05/18	1530
Received by				
Relinquished by				
Received in lab by	[signature]	YC	10/5/18	1530

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? (Yes) No
Samples intact? (Yes) No
Samples properly preserved? (Yes) No
Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
(Grab) ~~Comp~~	HC - HCl
Matrix	HS - H_2SO_4
(AQ) - Water	HN - HNO_3
SO -Soil / Sludge	HP - H_3PO_4
OT - Other	OH - NaOH
Bottle Type	ST - Sodium Thiosulfate
P - Plastic	AA - Ascorbic Acid
G - Amber Glass	Al - $AlCl_3$
VOA - 40 ml Vial	Cu - $CuSO_4$
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all Services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or in the public domain or client has failed to pay PCL for all services rendered) or is otherwise in breach of the agreement) subject to any disclosure required by law or by a process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data if the said standard was followed. PCL reports and information provided thereto are for the exclusive use and benefit of client and/or agent. There shall be no third party beneficiaries of our reports, data or information. Client will not disclose to any third party any information concerning technical information, software, processes or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parents, harmless from and against any and all claims, losses or damages, liens, demands, causes of action, costs and calculated expenses including, but not limited to attorneys fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or to any extent partly resulting, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling, or disposal of client's hazardous materials, 1. injury, bodily harm or death of persons 2. Loss of, damage to, loss of, or loss of use of property and/or 3. Release or risk of injury of any character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to lessee, clients, damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the Client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, Client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

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PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client in securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity, it is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on said data, information or reports. Client represents, warrants and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noticed on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

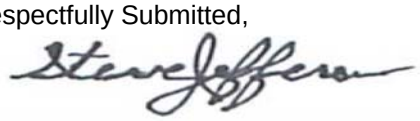
Attention: Ric Vardel
Report Date: 15-Oct-18 16:34
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18J0180-01) Collected: 06-Oct-18 By IPC						
pH	SM4500-H-B	AJ80823	0.1	06-Oct-18 (SS)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AJ80829	0.05	06-Oct-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AJ80621	1.8	08-Oct-18 (EA)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AJ80621	1.8	08-Oct-18 (EA)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 10/15/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18J0180

Customer: IPC, Inc.		Project : **(MCC) Daily EFF**	
Address: 9297 Research Drive		Sampled by: JULIO LEAL	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	10-06-18	0830	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

~~Geotracker EDD:~~
Logcode: IPCI
Global ID: WDR100000359

Signature	Print Name (Company)	Date	Time
Relinquished by	JULIO LEAL	10-6-18	0830
Received by			
Relinquished by	Jose L Gomez	10-6-18	1030
Received by			
Relinquished by			
Received in lab by			

Sample Received Checklist

Temperature upon receipt: _____

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample material's provided by client or at the client's request and the results obtained by PCL shall be held in confidence unless such information is generally available to the public or is the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereon are for the exclusive use and benefit of Client and PCL agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to attorneys fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. Injury, disease or death of persons 2. Loss of, damage to, loss of, or loss of use of property and/or 3. Financial loss of every kind of that sort. This indemnity does not apply to any of the foregoing losses, costs, damages or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence or its breach of contract by any indemnified Person, whether active or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, Client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) Litigation Expenses or other fees including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any lab bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

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Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted (if at all by applicable law), any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection proceedings or efforts.

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Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

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PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any securities, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 15-Oct-18 16:37
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18J0183-01) Collected: 07-Oct-18 By IPC						
pH	SM4500-H-B	AJ80823	0.1	07-Oct-18 (SS)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AJ80829	0.05	07-Oct-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AJ80718	1.8	09-Oct-18 (EA)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AJ80718	1.8	09-Oct-18 (EA)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 10/15/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18J0183

Customer: IPC, Inc.		Project: **(MCC) Daily EFF**	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: **Field** **Lab**
EFF	10/07/18	0840	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
			~~1~~	~~BOD~~	Grab	AQ	1L P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
~~Geotracker EDD:~~ Logcode: IPCI Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (Carl)	10/07/18	12:35
Received by		Jordan Corkery	10/07/18	12:35
Relinquished by				
Received by				
Relinquished by				
Received in lab by				

Sample Received Checklist

Temperature upon receipt: _____
# of bottles agrees with COC? **Yes** **No**
Samples intact? **Yes** **No**
Samples properly preserved? **Yes** **No**
Samples in holding time? **Yes** **No**

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu -$CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or released from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at Client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other intellectual.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to, all court fees (for litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. injury, disease or death of persons 2. Loss of, damage to, loss of, or loss of use of property and or 3. Financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption Litigation Expenses or other fees including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analytes such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or client a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted or at all by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection proceedings or efforts.

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PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

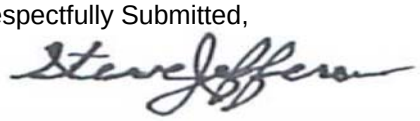
Attention: Ric Vardel
Report Date: 15-Oct-18 16:39
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18J0211-01) Collected: 08-Oct-18 By IPC						
pH	SM4500-H-B	AJ81038	0.1	08-Oct-18 (SS)	7.2 pH Units	
Residual Chlorine	SM 4500 Cl-G	AJ80922	0.05	09-Oct-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AJ80836	1.8	10-Oct-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AJ80836	1.8	10-Oct-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 10/15/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18J0211

Customer: IPC, Inc.		Project: **(MCC) Daily EFF**	
Address: 9297 Research Drive		Sampled by: Golan Kfir	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: **Field** **Lab**
EFF	10/8/18	11:20	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
~~—~~			~~1~~	~~BOD~~	Grab	AQ	1L P	~~4°C~~	
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

~~Geotracker EDD:~~
Logcode: IPCI
Global ID: WDR100000359

Signature	Print Name (Company)	Date	Time
Relinquished by	Golan IPC	10/8/18	
Received by	MT	10/8/18	1300
Relinquished by	MT	10/9/18	1445
Received by			
Relinquished by			
Received in lab by	PCL	10.9.18	1445

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	HC - HCl
Comp	HS - H_2SO_4
Matrix	HN - HNO_3
AQ - Water	HP - H_3PO_4
SO - Soil / Sludge	OH - NaOH
OT - Other	ST - Sodium Thiosulfate
Bottle Type	AA - Ascorbic Acid
P - Plastic	Al - $AlCl_3$
G - Amber Glass	Cu - $CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Rev 2 Effective 5/1/17

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1. Definitions

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For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

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6. Cancellation

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8. Force Majeure

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9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereon are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software, programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. injury, illness or death of persons 2. Loss of damage to, loss of, or loss of use of property out or 3. financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL, or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence at or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have in PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

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Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

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18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

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LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

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Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 15-Oct-18 16:44
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18J0246-01) Collected: 09-Oct-18 By IPC						
pH	SM4500-H-B	AJ81038	0.1	09-Oct-18 (SS)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AJ81046	0.25	10-Oct-18 (JC)	3.8 mg/l	
Fecal Coliforms	SM 9221E	AJ80925	1.8	11-Oct-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AJ80925	1.8	11-Oct-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 10/15/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18J0246

Customer: IPC, Inc.		Project: **(MCC) Daily EFF**	
Address: 9297 Research Drive		Sampled by: Golan Kfir	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: **Field** **Lab**
EFF	10/9/18	1250	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
~~BOD~~			~~1~~	~~BOD~~	~~Grab~~	~~AQ~~	~~1L P~~	~~4°C~~	
	〃	〃	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

Signature	Print Name (Company)	Date	Time
Relinquished by: GK	Golan IPC	10/9/18	1302
Received by:	MARIO SANTIESTEBAN (PCL)	10/9/18	1302
Relinquished by:			
Received by:			
Relinquished by:			
Received in lab by:	PCL	10.9.18	1312

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
~~Grab~~
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and/or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public, or is the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care and uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses, including, but not limited to, all court fees (the litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. injury, disease or death of persons 2. Loss of, damage to, loss of, or loss of use of property and/or 3. Financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have in PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post-judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analytes such as asbestos, polychlorinated biphenils, benzene or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (weather now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoice. To the fullest extent permitted of at all by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection proceedings or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective on in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before application to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

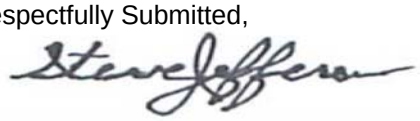
Attention: Ric Vardel
Report Date: 15-Oct-18 16:48
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18J0274-01) Collected: 10-Oct-18 By IPC						
pH	SM4500-H-B	AJ81318	0.1	10-Oct-18 (JC)	7.2 pH Units	
Residual Chlorine	SM 4500 Cl-G	AJ81104	0.05	11-Oct-18 (PL)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AJ81045	1.8	12-Oct-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AJ81045	1.8	12-Oct-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 10/15/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18J0274

Customer: IPC, Inc.		Project: **(MCC) Daily EFF**	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	10/10/18	1100	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.2 / 20.1°C
			1	[redacted]	Grab	AQ	1L P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD: Logcode: IPCI Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	Carlos Alvarez (IPC)	10/10/18	1514
Received by	MARIO SANTIESTEBAN (PCL)	10/10/18	1519
Relinquished by	MARIO SANTIESTEBAN (PCL)	10/10/18	1839
Received by			
Relinquished by			
Received in lab by	PCL	10-10-18	1839

Sample Received Checklist

Temperature upon receipt: 4
# of bottles agrees with COC? Yes No
Samples intact? Yes No
Samples properly preserved? Yes No
Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____
Final Flow _____

Sample Type	Preservations
Grab Comp	HC - HCl HS - H_2SO_4 HN - HNO_3 HP - H_3PO_4 OH - NaOH ST - Sodium Thiosulfate AA - Ascorbic Acid Al - $AlCl_3$ Cu - $CuSO_4$
Matrix AQ - Water SO - Soil / Sludge OT - Other	
Bottle Type P - Plastic G - Amber Glass VOA - 40 ml Vial Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

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1. Definitions

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4. Limit of Liability

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Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

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The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

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9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has filed to pay PCL for all services rendered) or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided hereon are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software, processes or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parents harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to, all court fees (the Litigation Expenses) and expenses arising in favor of Client or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, disease or death of persons 2. loss of, damage to, loss of, or loss of use of property and/or 3. fines and loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption, Litigation Expenses or other fees including, without limitation, attorney's fees, court costs, and /or pre or post-judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analyses, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

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Changes, modifications or amendments to the terms shall be effective only if in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

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PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent of broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any period, or other reporting to the holders of any securities, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with Holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (bacteriology 8 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been detailed on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

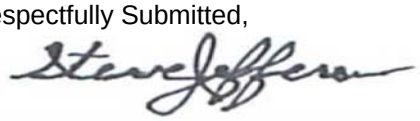
Attention: Ric Vardel
Report Date: 15-Oct-18 16:50
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18J0293-01) Collected: 11-Oct-18 By IPC						
pH	SM4500-H-B	AJ81318	0.1	11-Oct-18 (JC)	7.8 pH Units	
Residual Chlorine	SM 4500 Cl-G	AJ81209	0.05	12-Oct-18 (JC)	0.06 mg/l	
Fecal Coliforms	SM 9221E	AJ81114	1.8	13-Oct-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AJ81114	1.8	13-Oct-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 10/15/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18Ju293

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	10/11/18	1035	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
			[redacted]		Grab	AQ	1L P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD: Logcode: IPCI Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	10/11/18	
Received by			10/11/18	1200
Relinquished by			10/11/18	1340
Received by				
Relinquished by				
Received in lab by			10-11-18	1340

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab Comp	HC - HCl HS - H_2SO_4 HN - HNO_3 HP - H_3PO_4 OH - NaOH ST - Sodium Thiosulfate AA - Ascorbic Acid AI - $AlCl_3$ Cu - $CuSO_4$
Matrix AQ - Water SO - Soil / Sludge OT - Other	
Bottle Type P - Plastic G - Amber Glass VOA - 40 ml Vial Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S Environmental Protection Agency (EPA), CA Wallenboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public, or in the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees (the litigation Expenses) and awards arising in favor of client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, disease or death of persons 2. Loss of, damage to, loss of, or loss of use of property and or 3. financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to taxes, claims damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, Client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including without limitation, loss of profit or business interruption) Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analytes such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees for agents' fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (bacteriology is 8hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 16-Oct-18 13:22
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18J0336-01) Collected: 12-Oct-18 By IPC						
pH	SM4500-H-B	AJ81318	0.1	12-Oct-18 (JC)	7.1 pH Units	
Residual Chlorine	SM 4500 Cl-G	AJ81319	0.05	13-Oct-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AJ81214	1.8	14-Oct-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AJ81214	1.8	14-Oct-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 10/16/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18J0336

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	10/12/18	1130	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.1/25.2°C
			1	[redacted]	Grab	AQ	1L P	4°C	Cl = ND
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	10/12/18	1340
Received by		MARIO SAN TIESTEBAN (PCL)	10/12/18	1340
Relinquished by		MARIO SAN TIESTEBAN (PCL)	10/12/18	1547
Received by				
Relinquished by				
Received in lab by		PCL	10-12-18	1547

Sample Received Checklist

Temperature upon receipt:	4
# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

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10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, successors and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to attorneys fees (plus litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, illness or death of persons 2. loss of, damage to, loss of, or loss of use of property and or 3. financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive special, incidental or consequential damages including, without limitation, loss of profit or business interruption, litigation Expenses or other fees (including, without limitation, attorney's fees, court cost, post or pre-, post-judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

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15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times (7 days), samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria 30 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

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All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

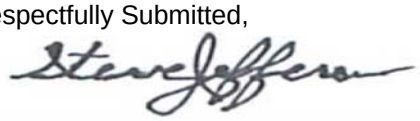
Attention: Ric Vardel
Report Date: 31-Oct-18 16:01
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18J0347-01) Collected: 13-Oct-18 By IPC						
pH	SM4500-H-B	AJ82520	0.1	13-Oct-18 (SS)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AJ81525	0.05	14-Oct-18 (PL)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AJ81317	1.8	15-Oct-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AJ81317	1.8	15-Oct-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 10/31/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18J0347

Customer: IPC, Inc.		Project : **(MCC) Daily EFF**	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: **Field** **Lab**
EFF	10/13/18	0925	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
			[redacted]	[redacted]	Grab	AQ	1L P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by	[signature]	Carlos Alvarez (SCE)	10/13/18	11:15
Received by				
Relinquished by	Jose L Gomez	Jose L Gomez	10-13-18	11:15
Received by				
Relinquished by				
Received in lab by	Jordan Corkery	Jordan Corkery	10-13-18	13:10

Sample Received Checklist

Temperature upon receipt: _____

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu -$CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

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1. Definitions

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PCL acts solely as an independent contractor in performing all services.

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PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The Client may order services by submitting a written Client of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM) Association of Official Analytical Chemists (AOAC) Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of information where such standard was observed. PCL reports and information provided thereon are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software processes or other intellectual.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all claims, losses in damages, claims, demands, causes of action, costs and fees (including reporting, but not limited to all court fees, attorney's fees, litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. injury, disease or death of persons 2. Loss of, damage to, loss of, or loss of use of property and/or 3. Financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages or expenses caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, the indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law, to the extent shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including without limitation, loss of profit or business interruption) Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and/or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or on services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or such prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any securities, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All Short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (process in 8 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be processed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 31-Oct-18 16:03
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18J0351-01) Collected: 14-Oct-18 By IPC						
pH	SM4500-H-B	AJ82520	0.1	14-Oct-18 (SS)	7.2 pH Units	
Residual Chlorine	SM 4500 Cl-G	AJ81525	0.05	15-Oct-18 (PL)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AJ81428	1.8	17-Oct-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AJ81428	1.8	17-Oct-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 10/31/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18J0351

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: JULIO LEDL	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	10-14-18	08:30	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
			~~1~~	~~BOD~~	~~Grab~~	AQ	1L P	4°C	
	〃	〃	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	JULIO LEDL	10-14-18	14:05
Received by	Jordan Corkery	10-14-18	14:05
Relinquished by			
Received by			
Relinquished by			
Received in lab by	Jordan Corkery	10-14-18	1440

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Sample Received Checklist

Temperature upon receipt: _____
# of bottles agrees with COC? Yes No
Samples intact? Yes No
Samples properly preserved? Yes No
Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____
Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

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For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

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PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC) Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

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10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses (including, but not limited to, attorneys' fees (the Litigation Expenses)) and expert) arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, sickness or death of persons 2. loss of, damage to, loss of, or loss of use of property and/or 3. financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages or liabilities caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, or liability of every kind and character arising out of or in connection with the negligence or breach of contract by any indemnified Person, whether active or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have on PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be to the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

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Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by clients authorized representative. Except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the issuing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding terms. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noticed on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 31-Oct-18 16:06
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18J0374-01) Collected: 15-Oct-18 By IPC						
pH	SM4500-H-B	AJ82520	0.1	15-Oct-18 (SS)	7.1 pH Units	
Residual Chlorine	SM 4500 Cl-G	AJ81633	0.05	16-Oct-18 (PL)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AJ81534	1.8	17-Oct-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AJ81534	1.8	17-Oct-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 10/31/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1850824

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	10/15/18	1225	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
			[redacted]	[redacted]	Grab	AQ	1L P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD: Logcode: IPCI Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (3PC)	10/15/18	
Received by			10/15/18	1240
Relinquished by			10/15/18	1321
Received by				
Relinquished by				
Received in lab by			10/16/18	1830

Sample Received Checklist

Temperature upon receipt: 4°

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	**HC** - HCl
Comp	**HS** - H_2SO_4
Matrix	**HN** - HNO_3
AQ - Water	**HP** - H_3PO_4
SO -Soil / Sludge	**OH** - NaOH
OT - Other	**ST** - Sodium Thiosulfate
Bottle Type	**AA** - Ascorbic Acid
P - Plastic	**Al** - $AlCl_3$
G - Amber Glass	**Cu** - $CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

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PCL offers and will accept orders for services (as defined herein) only under the following financial terms and conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

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PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgment of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

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Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

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Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

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The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or in the public domain or client has failed to pay PCL for all services rendered) or is otherwise in breach of the agreement subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such data, absent such standard. Unless approved PCL reports and information provided thereunder are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and any claims expenses, including, but not limited to, all court fees, jury litigation expenses, and awards arising in favor of Client or any third party, as a result of, and/or in any way occurring, incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or pertaining to handling or disposal of client's hazardous materials. 1. injury, illness or death of persons 2. Loss of, damage to, use of, or loss of use of property and/or 3. Financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages or injuries caused solely by the gross negligence or willful misconduct of PCL, its employees. Further, the indemnitor shall specifically agree to defend, indemnify and save harmless of every kind and character for arising out of or in connection with the negligence of or breach of contract by the indemnified Parties, whether actual or alleged in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the minimum amounts permitted under applicable law. In no event shall PCL be liable to client or indirect, punitive special, incidental or consequential damages including without limitation, loss of profit or business interruption. Litigation Expenses in other laws including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest, or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at Client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time with out notice. Payment in advance or where credit is not granted is required for all new clients or until a history of payment and/or credit is established with PCL. For those clients with an established credit account, the terms for payment of charges are NET 30 calendar days (30 days from date of invoice). To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law of one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client agrees to pay reasonable costs and attorney's fees regardless of any final judgment collection procedure or effort.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client's authorized representative. Except for subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client is securing services hereunder for client's account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, nor will be used to relieve reliance in connection with or to induce the purchase, sale, underwriting, or distribution of any securities, any periodic or other dividend to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior modification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 10 days or less samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 8 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

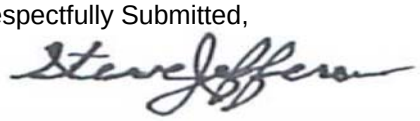
Attention: Ric Vardel
Report Date: 31-Oct-18 16:08
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18J0406-01) Collected: 16-Oct-18 By IPC						
pH	SM4500-H-B	AJ81919	0.1	16-Oct-18 (JC)	7.7 pH Units	
Residual Chlorine	SM 4500 Cl-G	AJ81737	0.05	17-Oct-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AJ81644	1.8	19-Oct-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AJ81644	1.8	19-Oct-18 (JC)	2.0 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 10/31/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18J0406

Customer: IPC, Inc.		Project: **(MCC) Daily EFF**	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	10/16/18	1110	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
			[redacted]	[redacted]	Grab	AQ	1L P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by	C. Alvarez	Carlos Alvarez (GPC)	10/16/18	
Received by	EB	Carlos M	10/16/18	1230
Relinquished by	EB	Carlos M	10/16/18	1500
Received by				
Relinquished by				
Received in lab by			10/16/18	1500

Sample Received Checklist

Temperature upon receipt: 4.8

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	**HC** - HCl
Comp	**HS** - H_2SO_4
Matrix	**HN** - HNO_3
AQ - Water	**HP** - H_3PO_4
SO -Soil / Sludge	**OH** - NaOH
OT - Other	**ST** - Sodium Thiosulfate
Bottle Type	**AA** - Ascorbic Acid
P - Plastic	**Al** - $AlCl_3$
G - Amber Glass	**Cu** - $CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM) Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

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The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

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10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses (including, but not limited to, all court fees, attorneys' fees and costs) asserted against or arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials: 1. injury, disease or death of persons 2. loss of, damage to, loss of, or loss of use of property; and/or 3. financial loss of every kind of character. This indemnity shall not apply to any of the foregoing losses, costs, damages or expenses caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have in PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including without limitation, loss of profit or business interruption). Litigation expenses or other fees (including, without limitation, attorney's fees, court costs, and/or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

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15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

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18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 31-Oct-18 16:50
Subject: (MCC) Monthly EFF

Project/P.O.#: (MCC) Monthly EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18J0408-01) Collected: 16-Oct-18 By IPC						
Boron	EPA 200.7	AJ81640	0.10	18-Oct-18 (AF)	0.34 mg/l	
MBAS	SM 5540C	AJ81728	0.20	17-Oct-18 (VD)	<0.20 mg/l	
Oil & Grease (HEM)	EPA 1664A	AJ81729	5	17-Oct-18 (WW)	<5 mg/l	
Phosphorus, Total as P	EPA 365.1	AJ81806	0.03	18-Oct-18 (LA)	0.54 mg/l	
Total Dissolved Solids	SM 2540C	AJ81820	5	19-Oct-18 (EA)	692 mg/l	
Chloride	EPA 300.0	AJ81723	1.0	17-Oct-18 (AV)	203 mg/l	
Sulfate as SO4	EPA 300.0	AJ81723	0.5	17-Oct-18 (AV)	118 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 10/31/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1850408

Customer: IPC, Inc.		Project: **(MCC) Monthly EFF**	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	10/16/18	11 10	1	SO4, Cl, TDS	Grab	AQ	1/2 Gal. P	4°C	
			1	MBAS	Grab	AQ	500 P	4°C	
			1	Oil & Grease	Grab	AQ	1L G	HC	
			1	Boron	Grab	AQ	250 P	HN	
			1	T.Phos	Grab	AQ	250 P	4°C	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	10/16/18	
Received by			10/16/18	1230
Relinquished by			10/16/18	1500
Received by				
Relinquished by				
Received in lab by			10/16/18	1530

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

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6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

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PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

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Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public domain or client has failed to pay PCL for all services rendered) or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such data when such standard was observed. PCL reports and information provided thereunder are for the exclusive use and benefit of Client and Client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any reports prepared using technical information, software, programs or other information.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and costs (and expenses including, but not limited to, all court fees and litigation expenses) and expert witness fees of Client or any third party, as a result of, related in any way or arising incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement (except liabilities resulting or because of client's hazardous materials, injury, disease, illness of persons, loss of, damage to, injury to, or destruction of property and/or 3. financial loss of every kind of that kind). This indemnity does not apply to any of the foregoing losses, costs, damages or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, costs, damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, Client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive special, incidental or consequential damages including, without limitation, loss of profit or business interruption. Litigation, business or other fees including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL guidelines or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for microbiological analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients until a history of payment and credit worthiness has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoice. To the fullest extent permitted by all applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1 ½) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or costs of such action with such collection procedures or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to record upon, in connection with or as part of, the publication, sale, underwriting, or distribution of any securities at any period, or other recording on the holders of any securities, the issuing, amendment, renewal, or extension of any loan from any financial institution or other lender or the solicitation to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times 2-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 31-Oct-18 16:53
Subject: (MCC) Weekly EFF

Project/P.O.#: (MCC) Weekly EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18J0405-01) Collected: 16-Oct-18 By IPC						
Ammonia as N	EPA 350.1	AJ81814	0.10	18-Oct-18 (SGS)	<0.10 mg/l	
Biochemical Oxygen Demand	SM 5210B	AJ81730	2	22-Oct-18 (EA)	13 mg/l	
Nitrate as N	EPA 353.2	AJ81724	0.02	17-Oct-18 (LA)	1.69 mg/l	
Nitrite as N	EPA 353.2	AJ81724	0.02	17-Oct-18 (LA)	0.03 mg/l	
Total Kjeldahl Nitrogen	EPA 351.2	AJ81805	0.10	19-Oct-18 (LA)	0.89 mg/l	
Total Suspended Solids	SM 2540D	AJ81732	1	17-Oct-18 (EA)	<1 mg/l	

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 10/31/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1850405

Customer: IPC, Inc.		Project: (MCC) Weekly EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	10/16/18	1110	1	TSS	Grab	AQ	1L P	4°C	
			1	NH4, TKN	Grab	AQ	500 P	HS	
			1	NO2, NO3	Grab	AQ	500 P	4°C	
			1	BOD	1	1	1L	1	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (SPC)	10/16/18	
Received by			10/16/18	1230
Relinquished by			10/16/18	1500
Received by				
Relinquished by				
Received in lab by			10/16/18	1500

Sample Received Checklist

Temperature upon receipt: 4.4 °C

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are revised to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the involved amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereunder are for the exclusive use and benefit of client and client agrees that it shall not, no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software, programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, costs and associated expenses including, but not limited to, attorneys fees (like litigation expenses) and penalty arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. Injury, illness or death of persons 2. Loss of, damage to, and/or use of use of property and/or 3. Financial loss of every kind of character. This indemnity shall apply to all of the foregoing losses, costs, damages or injuries even though the acts, negligence or willful misconduct of PCL or its employees. Further, this indemnity is all inclusive, applies to any claims, damages, amounts of every kind and character arising out of in connection with the negligence or in favor of contract by any indemnified person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, Client agrees that its indemnity obligation will be supported by adequate liability insurance coverage to be furnished by client, which insurance shall be in the minimum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption, litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and pre and post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples or materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any Hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

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14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any person, or other recipient as the holder of any security, the issuing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

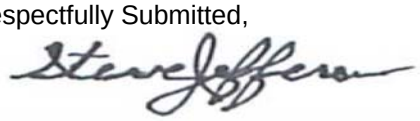
Attention: Ric Vardel
Report Date: 31-Oct-18 16:57
Subject: (MCC) Weekly INF

Project/P.O.#: (MCC) Weekly INF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
INF (Sample I.D.# : 18J0409-01) Collected: 16-Oct-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AJ81730	2	22-Oct-18 (EA)	208 mg/l	
Total Suspended Solids	SM 2540D	AJ81732	1	17-Oct-18 (EA)	91 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 10/31/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18J0409

Customer: IPC, Inc.		**Project:** (MCC) Weekly INF	
Address: 9297 Research Drive		**Sampled by:** Carlos Alvarez	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
INF	10/16/18	1200	1	TSS	Grab	AQ	1L P	4°C	
"	"	"	1	BOD	Grab	AQ	1L P	4°C	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (CARE)	10/16/18	
Received by			10/16/18	1230
Relinquished by			10/16/18	1500
Received by				
Relinquished by				
Received in lab by			10/16/18	1500

Sample Received Checklist

Temperature upon receipt: ice

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	**HC** - HCl
Comp	**HS** - H_2SO_4
Matrix	**HN** - HNO_3
AQ - Water	**HP** - H_3PO_4
SO -Soil / Sludge	**OH** - NaOH
OT - Other	**ST** - Sodium Thiosulfate
Bottle Type	**AA** - Ascorbic Acid
P - Plastic	**Al** - $AlCl_3$
G - Amber Glass	**Cu** -$CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and may or may not own, supervise, assign and remediate sites. "Price Schedule" means Pat Chem Laboratories (PCL) standard price schedule as such document may be amended or replaced from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing, which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use accepted methodologies which are in substantial conformity with the U.S Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or its client's recipient and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or it the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or governmental body and/or the valid mandate of a court of competent jurisdiction. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for loss of privacy, misappropriation, or loss of data where such standard was adhered to. PCL reserves the right to publish the results of the work for the exclusive use and benefit of client and client agrees that it shall not hold PCL liable for any reports, data or information client releases to it or any third party and indemnifies PCL against any technical information, advice, price, error or other transaction.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, costs and associated expenses (including, but not limited to attorneys' fees, Litigation Expenses and penalties) arising in favor of Client or any third party, as a result of, relating in any way to any negligent or willful act or omission in connection with the performance of services by PCL pursuant to this agreement, and/or transportation, handling or disposal of client's hazardous materials. 1. Apply, however, in the case of gross negligence, willful misconduct, or death or personal injury caused by PCL's negligence. PCL shall not be liable for any consequential damages, including, but not limited to, loss of use of property or loss of profits or loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages, or liability caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to claims, claims by an agent, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Parties, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Parties. To the extent necessary under applicable law, Client agrees that its indemnity obligations will be supported by available liability insurance coverage to be furnished by client, which insurance shall be to the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and pre or post judgment interest), or any other expenses or costs claimed by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement except client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by a client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any lab bacterial analysis client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of acceptance or on the date the services were rendered or such prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients. Once a history of payment and/or credit has been established with PCL, for those clients with an established credit account, the terms for payment of charges are net (30) days within thirty (30) days from date of invoice. To the fullest extent permitted by or allowed by applicable law, any amount unpaid within and 45 thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid accounts are consigned through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agency fees associated with such collection proceedings or efforts.

13. Agreement Modification

Changes, modifications or amendments to the Terms shall be effective only if in writing and executed by an officer of PCL and by a duly authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for its own account, and not as agent or for, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used or relied upon in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded on some of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be assessed an additional fee.

PAT-CHEM LABORATORIES
QUALITY ANALYTICAL SERVICES SINCE 1987
1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

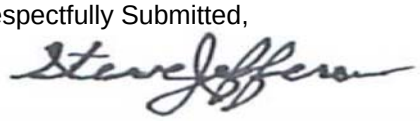
Attention: Ric Vardel
Report Date: 31-Oct-18 16:11
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18J0462-01) Collected: 17-Oct-18 By IPC						
pH	SM4500-H-B	AJ81920	0.1	19-Oct-18 (JC)	6.9 pH Units	
Residual Chlorine	SM 4500 Cl-G	AJ81822	0.05	18-Oct-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AJ81731	1.8	19-Oct-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AJ81731	1.8	19-Oct-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 10/31/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18J0462

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	10/17/18	1200	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

Signature	Print Name (Company)	Date	Time
Relinquished by	Carlos Alvarez (APC)	10/17/18	
Received by	Evan (APC)	10/17/18	1330
Relinquished by	Evan (APC)	10/17/18	1515
Received by			
Relinquished by			
Received in lab by		10/18/18	1518

Sample Received Checklist

Temperature upon receipt: 4.6

# of bottles agrees with COC?	Yes	No
Samples intact?	Yes	No
Samples properly preserved?	Yes	No
Samples in holding time?	Yes	No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab Comp	HC - HCl HS - H_2SO_4 HN - HNO_3 HP - H_3PO_4 OH - NaOH ST - Sodium Thiosulfate AA - Ascorbic Acid Al - $AlCl_3$ Cu - $CuSO_4$
Matrix AQ - Water SO - Soil / Sludge OT - Other	
Bottle Type P - Plastic G - Amber Glass VOA - 40 ml Vial Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has failed to pay PCL for all services rendered, or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such data where such standard was used. Data and PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees that it shall be its third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, costs and associated expenses, including, but not limited to all court fees (like Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. injury, disease or death of persons 2. loss of, damage to, loss of, or loss of use of property and or 3. financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to taxes, client damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have in PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive special, incidental or consequential damages including, without limitation, loss of profit or business interruption Litigation Expenses or other fees including, without limitation, attorney's fees, court costs, and /or pre or post-judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administration interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at anytime without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and /or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted or at all by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agency fees associated with such collection procedure or efforts.

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Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client authorized representative, except that subsequent orders for additional services may be verbal or in writing.

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PCL shall have no responsibility or liability for Client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for its own account, and not as agent or broker, or in any [illegible] representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of the purchase, sale, underwriting, or distribution of [illegible] securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, ≤ 7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 20-Dec-18 17:38
Subject: (MCC) Quarterly

Project/P.O.#: (MCC) Quarterly

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18J0463-01) Collected: 17-Oct-18 By IPC						
Silver	EPA 200.8	AJ81918	0.2	24-Oct-18 (AF)	<0.2 ug/l	
Aluminum	EPA 200.8	AJ81918	5.0	24-Oct-18 (AF)	80 ug/l	
Arsenic	EPA 200.8	AJ81918	0.5	24-Oct-18 (AF)	1.6 ug/l	
Barium	EPA 200.8	AJ81918	0.5	24-Oct-18 (AF)	6.9 ug/l	
Beryllium	EPA 200.8	AJ81918	0.2	24-Oct-18 (AF)	<0.2 ug/l	
Calcium	EPA 200.7	AK80533	0.05	06-Nov-18 (AF)	41.9 mg/l	
Cadmium	EPA 200.8	AJ81918	0.2	24-Oct-18 (AF)	<0.2 ug/l	
Chromium	EPA 200.8	AJ81918	0.2	24-Oct-18 (AF)	3.8 ug/l	
Copper	EPA 200.8	AJ81918	0.2	24-Oct-18 (AF)	1.4 ug/l	
Iron	EPA 200.7	AJ82228	0.02	23-Oct-18 (AF)	0.03 mg/l	
Mercury	EPA 245.1	AJ83018	0.20	30-Oct-18 (AF)	<0.20 ug/l	
Manganese	EPA 200.8	AJ81918	0.5	24-Oct-18 (AF)	2.4 ug/l	
Nickel	EPA 200.8	AJ81918	0.5	24-Oct-18 (AF)	5.2 ug/l	
Lead	EPA 200.8	AJ81918	0.2	24-Oct-18 (AF)	<0.2 ug/l	
Antimony	EPA 200.8	AJ81918	1.0	24-Oct-18 (AF)	<1.0 ug/l	
Selenium	EPA 200.8	AJ81918	2.0	24-Oct-18 (AF)	<2.0 ug/l	
Thallium	EPA 200.8	AJ81918	1.0	24-Oct-18 (AF)	<1.0 ug/l	
Zinc	EPA 200.8	AJ81918	1.0	24-Oct-18 (AF)	9.9 ug/l	
1,2-Dibromoethane (EDB)	EPA 504.1	AJ81927	0.02	19-Oct-18 (SJ)	<0.02 ug/l	
1,2-Dibromo-3-Chloropropane (DBCP)	EPA 504.1	AJ81927	0.01	19-Oct-18 (SJ)	<0.01 ug/l	
Bis(2-ethylhexyl)phthalate	EPA 506	AJ81813	2.0	17-Nov-18 (SJ)	<2.0 ug/l	
Bis(2-ethylhexyl)adipate	EPA 506	AJ81813	2.0	17-Nov-18 (SJ)	<2.0 ug/l	
Surrogate: o-Terphenyl	*EPA 506*	*AJ81813*		*17-Nov-18 (SJ)*	*67.5 % (50-120)*	
Alachlor	EPA 507	AI81722	0.2	19-Oct-18 (SJ)	<0.2 ug/l	
Atrazine	EPA 507	AI81722	0.2	19-Oct-18 (SJ)	<0.2 ug/l	
Molinate	EPA 507	AI81722	0.2	19-Oct-18 (SJ)	<0.2 ug/l	
Simazine	EPA 507	AI81722	0.2	19-Oct-18 (SJ)	<0.2 ug/l	
Thiobencarb (Bolero)	EPA 507	AI81722	0.2	19-Oct-18 (SJ)	<0.2 ug/l	

Respectfully Submitted,

Steve Jefferson 12/20/2018
Laboratory Director

PAT-CHEM LABORATORIES
QUALITY ANALYTICAL SERVICES SINCE 1987
1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 20-Dec-18 17:38
Subject: (MCC) Quarterly

Project/P.O.#: (MCC) Quarterly

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18J0463-01) Collected: 17-Oct-18 By IPC						
Surrogate: 1,3-Dimethyl-2-nitrobenzei	*EPA 507*	*AI81722*		*19-Oct-18 (SJ)*	*68.7 % (40-120)*	
Gamma-BHC(Lindane)	EPA 508	AJ81816	0.01	21-Nov-18 (SJ)	<0.01 ug/l	
Heptachlor	EPA 508	AJ81816	0.01	21-Nov-18 (SJ)	<0.01 ug/l	
Heptachlor Epoxide	EPA 508	AJ81816	0.01	21-Nov-18 (SJ)	<0.01 ug/l	
Endrin	EPA 508	AJ81816	0.01	21-Nov-18 (SJ)	<0.01 ug/l	
Methoxychlor	EPA 508	AJ81816	0.05	21-Nov-18 (SJ)	<0.05 ug/l	
Hexachlorocyclopentadiene	EPA 508	AJ81816	1.0	21-Nov-18 (SJ)	<1.0 ug/l	
Hexachlorobenzene	EPA 508	AJ81816	0.5	21-Nov-18 (SJ)	<0.5 ug/l	
Chlordane	EPA 508	AJ81816	0.1	21-Nov-18 (SJ)	<0.1 ug/l	
Toxaphene	EPA 508	AJ81816	0.5	21-Nov-18 (SJ)	<0.5 ug/l	
Aroclor 1016	EPA 508	AJ81816	0.5	21-Nov-18 (SJ)	<0.5 ug/l	
Aroclor 1221	EPA 508	AJ81816	0.5	21-Nov-18 (SJ)	<0.5 ug/l	
Aroclor 1232	EPA 508	AJ81816	0.5	21-Nov-18 (SJ)	<0.5 ug/l	
Aroclor 1242	EPA 508	AJ81816	0.5	21-Nov-18 (SJ)	<0.5 ug/l	
Aroclor 1248	EPA 508	AJ81816	0.5	21-Nov-18 (SJ)	<0.5 ug/l	
Aroclor 1254	EPA 508	AJ81816	0.5	21-Nov-18 (SJ)	<0.5 ug/l	
Aroclor 1260	EPA 508	AJ81816	0.5	21-Nov-18 (SJ)	<0.5 ug/l	
Surrogate: Tetrachloro-m-xylene	*EPA 508*	*AJ81816*		*21-Nov-18 (SJ)*	*57.5 % (50-120)*	
Surrogate: Decachlorobiphenyl	*EPA 508*	*AJ81816*		*21-Nov-18 (SJ)*	*85.0 % (50-120)*	
Bentazon	EPA 515.1	AJ82921	0.2	28-Nov-18 (SJ)	<0.2 ug/l	
2,4-D	EPA 515.1	AJ82921	0.2	28-Nov-18 (SJ)	<0.2 ug/l	
Dalapon	EPA 515.1	AJ82921	2.0	28-Nov-18 (SJ)	<2.0 ug/l	
Dinoseb	EPA 515.1	AJ82921	0.2	28-Nov-18 (SJ)	<0.2 ug/l	
Pentachlorophenol (PCP)	EPA 515.1	AJ82921	0.2	28-Nov-18 (SJ)	<0.2 ug/l	
Picloram	EPA 515.1	AJ82921	0.2	28-Nov-18 (SJ)	<0.2 ug/l	
2,4,5-TP	EPA 515.1	AJ82921	0.2	28-Nov-18 (SJ)	<0.2 ug/l	
Surrogate: 2,4-DCAA	*EPA 515.1*	*AJ82921*		*28-Nov-18 (SJ)*	*105 % (60-140)*	

Respectfully Submitted,

Steve Jefferson 12/20/2018
Laboratory Director

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Project/P.O.#: (MCC) Quarterly

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18J0463-01) Collected: 17-Oct-18 By IPC						
Benzene	EPA 524.2	AJ83025	0.5	30-Oct-18 (SJ)	<0.5 ug/l	
Bromodichloromethane	EPA 524.2	AJ83025	0.5	30-Oct-18 (SJ)	<0.5 ug/l	
Bromoform	EPA 524.2	AJ83025	0.5	30-Oct-18 (SJ)	<0.5 ug/l	
Carbon tetrachloride	EPA 524.2	AJ83025	0.5	30-Oct-18 (SJ)	<0.5 ug/l	
c-1,3-Dichloropropene	EPA 524.2	AJ83025	0.5	30-Oct-18 (SJ)	<0.5 ug/l	
cis-1,2-Dicholoroethene	EPA 524.2	AJ83025	0.5	30-Oct-18 (SJ)	<0.5 ug/l	
Chlorobenzene	EPA 524.2	AJ83025	0.5	30-Oct-18 (SJ)	<0.5 ug/l	
Chloroform	EPA 524.2	AJ83025	0.5	30-Oct-18 (SJ)	1.4 ug/l	
Dibromochloromethane	EPA 524.2	AJ83025	0.5	30-Oct-18 (SJ)	<0.5 ug/l	
1,2-Dichlorobenzene	EPA 524.2	AJ83025	0.5	30-Oct-18 (SJ)	<0.5 ug/l	
1,4-Dichlorobenzene	EPA 524.2	AJ83025	0.5	30-Oct-18 (SJ)	<0.5 ug/l	
1,2-Dichloroethane	EPA 524.2	AJ83025	0.5	30-Oct-18 (SJ)	<0.5 ug/l	
1,1-Dichloroethane	EPA 524.2	AJ83025	0.5	30-Oct-18 (SJ)	<0.5 ug/l	
1,3-Dichloropropane	EPA 524.2	AJ83025	0.5	30-Oct-18 (SJ)	<0.5 ug/l	
1,2-Dichloropropane	EPA 524.2	AJ83025	0.5	30-Oct-18 (SJ)	<0.5 ug/l	
Ethylbenzene	EPA 524.2	AJ83025	0.5	30-Oct-18 (SJ)	<0.5 ug/l	
Methyl tert-butyl ether	EPA 524.2	AJ83025	0.5	30-Oct-18 (SJ)	<0.5 ug/l	
Methylene chloride	EPA 524.2	AJ83025	0.5	30-Oct-18 (SJ)	<0.5 ug/l	
Styrene	EPA 524.2	AJ83025	0.5	30-Oct-18 (SJ)	<0.5 ug/l	
t-1,2-Dichloroethene	EPA 524.2	AJ83025	0.5	30-Oct-18 (SJ)	<0.5 ug/l	
t-1,3-Dichloropropene	EPA 524.2	AJ83025	0.5	30-Oct-18 (SJ)	<0.5 ug/l	
1,1,2,2-Tetrachloroethane	EPA 524.2	AJ83025	0.5	30-Oct-18 (SJ)	<0.5 ug/l	
Tetrachloroethene	EPA 524.2	AJ83025	0.5	30-Oct-18 (SJ)	<0.5 ug/l	
Toluene	EPA 524.2	AJ83025	0.5	30-Oct-18 (SJ)	<0.5 ug/l	
1,2,4-Trichlorobenzene	EPA 524.2	AJ83025	0.5	30-Oct-18 (SJ)	<0.5 ug/l	
1,1,1-Trichloroethane	EPA 524.2	AJ83025	0.5	30-Oct-18 (SJ)	<0.5 ug/l	
1,1,2-Trichloroethane	EPA 524.2	AJ83025	0.5	30-Oct-18 (SJ)	<0.5 ug/l	
Trichloroethene	EPA 524.2	AJ83025	0.5	30-Oct-18 (SJ)	<0.5 ug/l	
Trichlorofluoromethane (Freon 11)	EPA 524.2	AJ83025	0.5	30-Oct-18 (SJ)	<0.5 ug/l	

Respectfully Submitted,

Steve Jefferson 12/20/2018
Laboratory Director

PAT-CHEM LABORATORIES
QUALITY ANALYTICAL SERVICES SINCE 1987
1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 20-Dec-18 17:38
Subject: (MCC) Quarterly

Project/P.O.#: (MCC) Quarterly

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18J0463-01) Collected: 17-Oct-18 By IPC						
1,1,2-Trichloro-1,2,2-trifluoroethane	EPA 524.2	AJ83025	0.5	30-Oct-18 (SJ)	<0.5 ug/l	
Vinyl chloride	EPA 524.2	AJ83025	0.5	30-Oct-18 (SJ)	<0.5 ug/l	
o-Xylene	EPA 524.2	AJ83025	0.5	30-Oct-18 (SJ)	<0.5 ug/l	
m,p-Xylene	EPA 524.2	AJ83025	1.0	30-Oct-18 (SJ)	<1.0 ug/l	
Surrogate: Dibromofluoromethane	*EPA 524.2*	*AJ83025*		*30-Oct-18 (SJ)*	*104 % (80-120)*	
Surrogate: Toluene-d8	*EPA 524.2*	*AJ83025*		*30-Oct-18 (SJ)*	*94.3 % (80-120)*	
Surrogate: Bromofluorobenzene	*EPA 524.2*	*AJ83025*		*30-Oct-18 (SJ)*	*91.2 % (80-120)*	
Carbofuran	EPA 632	AI81733	0.5	23-Oct-18 (SJ)	<0.5 ug/l	
Oxamyl	EPA 632	AI81733	1.0	23-Oct-18 (SJ)	<1.0 ug/l	
Chloroacetic Acid	EPA 552.2	AJ82441	1.0	07-Nov-18 (SJ)	1.5 ug/l	
Bromoacetic Acid	EPA 552.2	AJ82441	1.0	07-Nov-18 (SJ)	3.5 ug/l	
Dichloroacetic Acid	EPA 552.2	AJ82441	1.0	07-Nov-18 (SJ)	<1.0 ug/l	
Trichloroacetic Acid	EPA 552.2	AJ82441	1.0	07-Nov-18 (SJ)	<1.0 ug/l	
Dibromoacetic Acid	EPA 552.2	AJ82441	10.0	07-Nov-18 (SJ)	48.0 ug/l	
Haloacetic Acids (HAA5)	EPA 552.2	AJ82441	1.0	07-Nov-18 (SJ)	53.0 ug/l	
Surrogate: 2,3-Dibromopropionic Acid	*EPA 552.2*	*AJ82441*		*07-Nov-18 (SJ)*	*68.2 % (60-140)*	
Benzo (a) pyrene	EPA 550	AI81927	0.05	24-Oct-18 (SJ)	<0.05 ug/l	
Surrogate: Decafluorobiphenyl	*EPA 550*	*AI81927*		*24-Oct-18 (SJ)*	*73.3 % (45-120)*	
Cyanide (total)	SM 4500-CN-E	AJ81809	0.005	19-Oct-18 (LA)	0.009 mg/l	
MBAS	SM 5540C	AJ81810	0.20	18-Oct-18 (PL)	<0.20 mg/l	
pH	SM4500-H-B	AJ81920	0.1	17-Oct-18 (SJ)	7.6 pH Units	A-01
Total Alkalinity	SM 2320B	AK80635	1	07-Nov-18 (EA)	122 mg/l	
Carbonate Alkalinity	SM 2320B	AK80635	1	07-Nov-18 (EA)	<1 mg/l	
Bicarbonate Alkalinity	SM 2320B	AK80635	1	07-Nov-18 (EA)	122 mg/l	
Hydroxide Alkalinity	SM 2320B	AK80635	1	07-Nov-18 (EA)	<1 mg/l	
Color	SM 2120 C	AJ81808	5.0	18-Oct-18 (LA)	27.6 CU	
Specific Conductance (EC)	SM 2510B	AK80636	0.1	07-Nov-18 (EA)	1300 uS/cm	
Odor	SM 2150B	AK80124	1	17-Oct-18 (SJ)	<1 T.O.N.	

Respectfully Submitted,



Steve Jefferson 12/20/2018
Laboratory Director

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QUALITY ANALYTICAL SERVICES SINCE 1987
1824 1st Street
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(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 20-Dec-18 17:38
Subject: (MCC) Quarterly

Project/P.O.#: (MCC) Quarterly

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18J0463-01) Collected: 17-Oct-18 By IPC						
Bromate	EPA 300.0	AJ81826	5.0	18-Oct-18 (SJ)	<5.0 ug/l	
Chlorite	EPA 300.0	AJ81826	20.0	18-Oct-18 (SJ)	<20.0 ug/l	
Fluoride	EPA 300.0	AJ81904	0.10	19-Oct-18 (AV)	0.70 mg/l	

Notes and Definitions

A-01 Langelier Index = -0.26 (Non-Corrosive)

Respectfully Submitted,



Steve Jefferson 12/20/2018
Laboratory Director

LA Testing
520 Mission Street South Pasadena, CA 91030
Phone/Fax: (323) 254-9960 / (323) 254-9982
http://www.LATesting.com / pasadenalab@latesting.com

LA Testing Order ID: 321824195
Customer ID: PTCM42
Customer PO:
Project ID:

Attn: Steve Jefferson
Pat Chem Laboratories
1824 1st St
San Fernando, CA 91340

Phone: (805) 532-0012
Fax:
Collected: 10/17/2018
Received: 10/19/2018
Analyzed: 11/01/2018

Proj: 18J0463

Test Report: Determination of Asbestos Structures >10µm in Drinking Water Performed by the 100.2 Method (EPA 600/R-94/134)

Sample ID Client / EMSL	Sample Filtration Date/Time	Original Sample Vol. Filtered (ml)	Effective Filter Area (mm²)	Area Analyzed (mm²)	ASBESTOS Asbestos Types	Fibers Detected	Analytical Sensitivity	Concentration	Confidence Limits
							MFL (million fibers per liter)		
18J0463-01 321824195-0001	10/30/2018 03:40 PM	100	1288	0.0645	None Detected	ND	0.20	<0.20	0.00 - 0.74

Sample ozonated prior to analysis due to lab receipt time exceeding 48hr method hold time.

Analyst(s)
Feng Liang (1)

Jerry Drapala Ph.D, Laboratory Manager
or Other Approved Signatory

Any questions please contact Jerry Drapala.

Initial report from: 11/01/2018 19:59:31

Sample collection and containers provided by the client, acceptable bottle blank level is defined as ≤0.01MFL>10um. ND=None Detected. This report relates only to those items tested. This report may not be reproduced, except in full, without written permission by LA Testing. Samples received in good condition unless otherwise noted.

Samples analyzed by LA Testing South Pasadena, CA CA ELAP 2283

November 07, 2018

Pat-Chem Laboratories
1824 1st St.
San Fernando, CA 93340

Attn: Theresa Trevizo

Order No.: 1810385
Invoice No.: 143144
PO No.:
ELAP No.1247-Expires July 2020

RE: 18J0463

SAMPLE IDENTIFICATION

Fraction	Client Sample Description
01A	18J0463-01
01B	18J0463-01
01C	18J0463-01

ND = Not Detected at the Reporting Limit

Limit = Reporting Limit

Flag = Explanation in Case Narrative

All solid results are expressed on a wet-weight basis unless otherwise noted.

Approved for release by:

Roxanne Moore, Project Manager

Date: 07-Nov-2018
WorkOrder: 1810385

CASE NARRATIVE

S1: The surrogate recovery was below the lower acceptance limit. The surrogate recoveries for the quality control samples were within acceptance limits. This indicates the low recovery may be due to matrix effects from the sample.

EPA 549.2:
Diquat strongly adsorbs to soil particles that are suspended in water. The strong chemical bonds make the herbicide chemically inactive. When bound with soil particles, the extraction procedure for method EPA 549.2 is ineffective at isolating the bound diquat. Any reported diquat represents the dissolved analyte in the water that has not been bound to the soil particles.

Date: 07-Nov-2018
WorkOrder: 1810385

ANALYTICAL REPORT

Client Sample ID: 18J0463-01
Lab ID: 1810385-01A
Received: 10/22/2018
Collected: 10/17/2018 11:50

Test Name: Glyphosate **Reference:** EPA 547

Parameter	Result	Flag	Limit	Units	DF	Extracted	Analyzed
Glyphosate	ND		5.0	µg/L	1.0	10/29/2018	10/29/2018

Client Sample ID: 18J0463-01
Lab ID: 1810385-01B
Received: 10/22/2018
Collected: 10/17/2018 11:50

Test Name: EPA 549.2 **Reference:** EPA 549.2

Parameter	Result	Flag	Limit	Units	DF	Extracted	Analyzed
Diquat (dissolved)	ND		0.40	µg/L	1.0	10/24/2018	10/30/2018

Client Sample ID: 18J0463-01
Lab ID: 1810385-01C
Received: 10/22/2018
Collected: 10/17/2018 11:50

Test Name: Endothall **Reference:** EPA 548.1

Parameter	Result	Flag	Limit	Units	DF	Extracted	Analyzed
Endothall	ND		45	µg/L	1.0	10/24/2018	11/1/2018
Surrogate: 2,3-D	65.1	S1	78-117	% Rec	1.0	10/24/2018	11/1/2018

North Coast Laboratories, Ltd.

Date: 11/7/2018

CLIENT: Pat-Chem Laboratories
Work Order: 1810385
Project: 18J0463

QC SUMMARY REPORT

Method Blank

Sample ID **MB-102918** Batch ID: **R97303** Test Code: **547W** Units: **µg/L** Analysis Date **10/29/2018 6:07:08 PM** Prep Date **10/29/2018**
Client ID: Run ID: **ORLC9_181029A** SeqNo: **1384208**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Glyphosate	ND	5.0									

Sample ID **MB-36668** Batch ID: **36668** Test Code: **548W** Units: **µg/L** Analysis Date **11/1/2018 3:27:43 PM** Prep Date **10/24/2018**
Client ID: Run ID: **ORGC14_181101A** SeqNo: **1384706**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Endothall	ND	45									
Surrogate: 2,3-D	215	0.10	250	0	86.1%	78	117	0			

Sample ID **MB-36671** Batch ID: **36671** Test Code: **549W** Units: **µg/L** Analysis Date **10/30/2018 2:07:18 PM** Prep Date **10/24/2018**
Client ID: Run ID: **ORLC8_181030A** SeqNo: **1384514**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diquat (dissolved)	ND	0.40									

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

North Coast Laboratories, Ltd.

Date: 11/7/2018

CLIENT: Pat-Chem Laboratories
Work Order: 1810385
Project: 18J0463

QC SUMMARY REPORT

Laboratory Control Spike

Sample ID **LCS-102918** Batch ID: **R97303** Test Code: **547W** Units: **µg/L** Analysis Date **10/29/2018 6:28:54 PM** Prep Date **10/29/2018**
Client ID: Run ID: **ORLC9_181029A** SeqNo: **1384209**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Glyphosate	53.24	5.0	50.0	0	106%	80	118	0			

Sample ID **LCSD-102918** Batch ID: **R97303** Test Code: **547W** Units: **µg/L** Analysis Date **10/29/2018 6:50:41 PM** Prep Date **10/29/2018**
Client ID: Run ID: **ORLC9_181029A** SeqNo: **1384210**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Glyphosate	53.35	5.0	50.0	0	107%	80	118	53.2	0.207%	30	

Sample ID **LCS-36668** Batch ID: **36668** Test Code: **548W** Units: **µg/L** Analysis Date **11/1/2018 3:48:43 PM** Prep Date **10/24/2018**
Client ID: Run ID: **ORGC14_181101A** SeqNo: **1384707**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Endothall	213.4	45	225	0	94.9%	61	114	0			
Surrogate: 2,3-D	220	0.10	250	0	88.0%	78	117	0			

Sample ID **LCSD-36668** Batch ID: **36668** Test Code: **548W** Units: **µg/L** Analysis Date **11/1/2018 4:09:43 PM** Prep Date **10/24/2018**
Client ID: Run ID: **ORGC14_181101A** SeqNo: **1384708**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Endothall	223.0	45	225	0	99.1%	61	114	213	4.39%	30	
Surrogate: 2,3-D	213	0.10	250	0	85.1%	78	117	220	3.35%	30	

Sample ID **LCS-36671** Batch ID: **36671** Test Code: **549W** Units: **µg/L** Analysis Date **10/30/2018 2:28:45 PM** Prep Date **10/24/2018**
Client ID: Run ID: **ORLC8_181030A** SeqNo: **1384515**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diquat (dissolved)	1.705	0.40	2.00	0	85.2%	70	130	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Pat-Chem Laboratories
Work Order: 1810385
Project: 18J0463

QC SUMMARY REPORT
Laboratory Control Spike Duplicate

Sample ID **LCSD-36671** Batch ID: **36671** Test Code: **549W** Units: **µg/L** Analysis Date **10/30/2018 2:50:12 PM** Prep Date **10/24/2018**
Client ID: Run ID: **ORLC8_181030A** SeqNo: **1384516**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diquat (dissolved)	1.769	0.40	2.00	0	88.4%	70	130	1.70	3.68%	30	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

1810385

SUBCONTRACT ORDER

Pat-Chem Laboratories

18J0463

SENDING LABORATORY:

Pat-Chem Laboratories
1824 1st Street
San Fernando, Ca 91340
Phone: (818)639-5300
Fax: (818)639-5309
Project Manager: Theresa Trevizo

RECEIVING LABORATORY:

North Coast Laboratories
5680 W End Road
Arcata, CA 95521
Phone :(707) 822-4649
Fax: (707) 822-6831

Analysis	Due	Expires	Laboratory ID	Comments
Sample ID: 18J0463-01 **Water**	**Sampled: 17-Oct-18 11:50**			**MCC Quarterly**
Glyphosate 547	01-Nov-18 12:00	31-Oct-18 11:50		
549 Diquat	01-Nov-18 12:00	24-Oct-18 11:50		
548.1 Endothall	01-Nov-18 12:00	24-Oct-18 11:50		
Containers Supplied:				

Released By	Date	Received By	Date
R Lato	10/18/18	Jessica Dille	10/22/18

November 27, 2018

Pat-Chem Laboratories
1824 1st St
San Fernando, CA 91340

Lab ID : SP 1813991
Customer : 2-12670

Laboratory Report

Introduction: This report package contains total of 7 pages divided into 3 sections:

Case Narrative	(2 pages)	: An overview of the work performed at FGL.
Sample Results	(2 pages)	: Results for each sample submitted.
Quality Control	(3 pages)	: Supporting Quality Control (QC) results.

Case Narrative

This Case Narrative pertains to the following samples:

Sample Description	Date Sampled	Date Received	FGL Lab ID #	Matrix
18J0463-01	10/17/2018	10/19/2018	SP 1813991-001	W

Sampling and Receipt Information: All samples were received in acceptable condition and within temperature requirements, unless noted on the Condition Upon Receipt (CUR) form. All samples arrived on ice. All samples were prepared and analyzed within the method specified hold time. All samples were checked for pH if acid or base preservation is required (except for VOAs). For details of sample receipt information, please see the attached Chain of Custody and Condition Upon Receipt Form.

Quality Control: All samples were prepared and analyzed according to the following tables:

Inorganic - Metals QC

200.8	11/03/2018:216194 All analysis quality controls are within established criteria.
	11/03/2018:213123 All preparation quality controls are within established criteria, except: The following note applies to Uranium: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.

Radio QC

900.0	11/16/2018:216884 All analysis quality controls are within established criteria.
	11/12/2018:213354 All preparation quality controls are within established criteria, except: The following note applies to Gross Beta: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.

Corporate Offices & Laboratory
853 Corporation Street
Santa Paula, CA 93060
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CA ELAP Certification No. 1573

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2500 Stagecoach Road
Stockton, CA 95215
TEL: (209)942-0182
FAX: (209)942-0423
CA ELAP Certification No. 1563

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Chico, CA 95926
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FAX: (530)343-3807
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FAX: (805)783-2912
CA ELAP Certification No. 2775

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9415 W. Goshen Avenue
Visalia, CA 93291
TEL: (559)734-9473
FAX: (559)734-8435
CA ELAP Certification No. 2810

November 27, 2018 Lab ID : SP 1813991
Pat-Chem Laboratories Customer : 2-12670

Radio QC

903.0	11/19/2018:216977 All analysis quality controls are within established criteria.
	11/11/2018:213420 All preparation quality controls are within established criteria.
905.0	11/19/2018:217007 All analysis quality controls are within established criteria.
	11/06/2018:213241 All preparation quality controls are within established criteria.
906.0	10/30/2018:216000 All analysis quality controls are within established criteria.
	10/29/2018:212758 All preparation quality controls are within established criteria.
Ra - 05	11/24/2018:217242 All analysis quality controls are within established criteria.
	11/11/2018:213182 All preparation quality controls are within established criteria.

Inorganic - Wet Chemistry QC

314.0	10/27/2018:215021 All analysis quality controls are within established criteria.
	10/26/2018:212897 All preparation quality controls are within established criteria.

Certification:: I certify that this data package is in compliance with ELAP standards, both technically and for completeness, except for any conditions listed above. Release of the data contained in this data package is authorized by the Laboratory Director or his designee, as verified by the following electronic signature.

KD:DMB

Approved By **Kelly A. Dunnahoo, B.S.** Digitally signed by Kelly A. Dunnahoo, B.S.
Title: Laboratory Director
Date: 2018-11-27

November 27, 2018

Pat-Chem Laboratories
1824 1st St
San Fernando, CA 91340

Description : 18J0463-01
Project : 18J0463

Lab ID : SP 1813991-001
Customer ID : 2-12670

Sampled On : October 17, 2018-11:50
Sampled By : Not Available
Received On : October 19, 2018-12:29
Matrix : Water

Sample Result - Inorganic

Constituent	Result	PQL	Units	Note	Sample Preparation Method	Sample Preparation Date/ID	Sample Analysis Method	Sample Analysis Date/ID
Metals, Total								
Uranium	0.4	0.2	ug/L		200.8	11/03/18:213123	200.8	11/03/18:216194
Wet Chemistry								
Perchlorate	ND	2	ug/L		314.0	10/26/18:212897	314.0	10/27/18:215021

ND=Non-Detected. PQL=Practical Quantitation Limit. * PQL adjusted for dilution.

Corporate Offices & Laboratory
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CA ELAP Certification No. 1573

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TEL: (209)942-0182
FAX: (209)942-0423
CA ELAP Certification No. 1563

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FAX: (530)343-3807
CA ELAP Certification No. 2670

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San Luis Obispo, CA 93401
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FAX: (805)783-2912
CA ELAP Certification No. 2775

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CA ELAP Certification No. 2810

November 27, 2018

Pat-Chem Laboratories
1824 1st St
San Fernando, CA 91340

Description : 18J0463-01
Project : 18J0463

Lab ID : SP 1813991-001
Customer ID : 2-12670

Sampled On : October 17, 2018-11:50
Sampled By : Not Available
Received On : October 19, 2018-12:29
Matrix : Water

Sample Result - Radio

Constituent	Result ± Error	MDA	Units	MCL/AL	Sample Preparation Method	Sample Preparation Date/ID	Sample Analysis Method	Sample Analysis Date/ID
Radio Chemistry								
Gross Alpha	0.000 ± 1.13	1.90	pCi/L	15/5	900.0	11/12/18-9::30 2P1813354	900.0	11/16/18-16:02 2A1816884
Gross Beta	21.3 ± 2.41	2.44	pCi/L	50	900.0	11/12/18-9::30 2P1813354	900.0	11/16/18-16:02 2A1816884
Strontium 90	0.097 ± 0.301	0.546	pCi/L	8	905.0	11/06/18-18:20 2P1813241	905.0	11/19/18-17:20 2A1817007
Total Alpha Radium (226)	0.000 ± 0.073	0.274	pCi/L	3	903.0	11/11/18-11:00 2P1813420	903.0	11/19/18-14:32 2A1816977
Tritium	40.4 ± 270	434	pCi/L	20000	906.0	10/29/18-12:35 2P1812758	906.0	10/30/18-13:56 2A1816000
Ra 228	0.170 ± 0.850	0.506	pCi/L	2	Ra - 05	11/11/18-19:00 2P1813182	Ra - 05	11/24/18-14:00 2A1817242

ND=Non-Detected. PQL=Practical Quantitation Limit. * PQL adjusted for dilution.

MDA = Minimum Detectable Activity (Calculated at the 95% confidence level) = Data utilized by DHS to determine matrix interference.
MCL / AL = Maximum Contamination Level / Action Level. Alpha's Action Level of 5 pCi/L is based on the Assigned Value (AV).
AV = Assigned Value(Gross Alpha Result + (0.84 x Error)). CCR Section 64442: Drinking Water Compliance Note: Do the following
If Gross Alpha's (AV) exceeds 5 pCi/L run Uranium. If Gross Alpha's (AV) minus Uranium exceeds 5 pCi/L run Radium 226.

Drinking Water Compliance:
Gross Alpha (AV) minus Uranium is less than or equal to 15 pCi/L
Uranium is less than or equal to 20 pCi/L
Radium 226 + Radium 228 is less than or equal to 5 pCi/L

Note: Samples are held for 3-6 months prior to disposal.

Corporate Offices & Laboratory
853 Corporation Street
Santa Paula, CA 93060
TEL: (805)392-2000
Env FAX: (805)525-4172 / Ag FAX: (805)392-2063
CA ELAP Certification No. 1573

Office & Laboratory
2500 Stagecoach Road
Stockton, CA 95215
TEL: (209)942-0182
FAX: (209)942-0423
CA ELAP Certification No. 1563

Office & Laboratory
563 E. Lindo Avenue
Chico, CA 95926
TEL: (530)343-5818
FAX: (530)343-3807
CA ELAP Certification No. 2670

Office & Laboratory
3442 Empresa Drive, Suite D
San Luis Obispo, CA 93401
TEL: (805)783-2940
FAX: (805)783-2912
CA ELAP Certification No. 2775

Office & Laboratory
9415 W. Goshen Avenue
Visalia, CA 93291
TEL: (559)734-9473
FAX: (559)734-8435
CA ELAP Certification No. 2810

November 27, 2018 Lab ID : SP 1813991
Pat-Chem Laboratories Customer : 2-12670

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals								
Uranium	200.8		MS	ug/L	5.000	59.9 %	75-125	435
		(CH 1879306-001)	MSD	ug/L	5.000	69.9 %	75-125	435
			MSRPD	ug/L	5.000	14.9%	≤20	
	200.8	11/03/18:216194AC	CCV	ppb	120.0	94.3 %	90-110	
			CCB	ppb		0.001	0.2	
			CCV	ppb	120.0	92.6 %	90-110	
			CCB	ppb		0.001	0.2	
Wet Chem								
Perchlorate	314.0	10/26/18:212897MCA	Blank	ug/L		ND	<2	
			LCS	ug/L	25.00	100 %	85-115	
			MS	ug/L	25.00	96.8 %	80-120	
		(SP 1813854-001)	MSD	ug/L	25.00	88.8 %	80-120	
			MSRPD	ug/L	25.00	8.0%	≤15	
		(SP 1813854-001)	Dup	ug/L		0.48	2	
	314.0	10/27/18:215021MCA	CCB	ppb		0.50	2.0	
			CCV	ppb	10.00	103 %	85-115	
			CCB	ppb		0.00	2.0	
			CCV	ppb	20.00	100 %	85-115	

Definition

CCV	: Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
CCB	: Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
Blank	: Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
LCS	: Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.
MS	: Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
MSD	: Matrix Spike Duplicate of MS/MSD pair - A random sample duplicate is spiked with a known amount of analyted. The recoveries are an indication of how that sample matrix affects analyte recovery.
Dup	: Duplicate Sample - A random sample with each batch is prepared and analyzed in duplicate. The relative percent difference is an indication of precision for the preparation and analysis.
MSRPD	: MS/MSD Relative Percent Difference (RPD) - The MS relative percent difference is an indication of precision for the preparation and analysis.
ND	: Non-detect - Result was below the DQO listed for the analyte.
DQO	: Data Quality Objective - This is the criteria against which the quality control data is compared.

Explanation

435	: Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.

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November 27, 2018 Lab ID : SP 1813991
Pat-Chem Laboratories Customer : 2-12670

Quality Control - Radio

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Radio								
Alpha	900.0	11/16/18:216884AAT	CCV	cpm	8383	41.4 %	35-47	
			CCB	cpm		0.0600	0.12	
Beta	900.0	11/16/18:216884AAT	CCV	cpm	8383	82.9 %	83-94	
			CCB	cpm		0.4600	1.03	
Gross Alpha	900.0	11/12/18:213354IWC	Blank	pCi/L		0.29	3	
			LCS	pCi/L	130.0	93.2 %	75-125	
			MS	pCi/L	130.0	123 %	60-140	
		(SP 1814769-001)	MSD	pCi/L	130.0	111 %	60-140	
			MSRPD	pCi/L	130.0	9.8%	≤30	
Gross Beta	900.0	11/12/18:213354IWC	Blank	pCi/L		-1.43	4	
			LCS	pCi/L	69.68	130 %	84-160	
			MS	pCi/L	69.68	68.6 %	80-130	435
		(SP 1814769-001)	MSD	pCi/L	69.68	85.5 %	80-130	
			MSRPD	pCi/L	130.0	21.3%	≤30	
Alpha	903.0	11/19/18:216977AAT	CCV	cpm	8381	40.2 %	37-46	
			CCB	cpm		0.0400	0.12	
Total Alpha Radium (226)	903.0	11/11/18:213420emv	RgBlk	pCi/L		0.05	2	
			LCS	pCi/L	21.78	76.6 %	52-107	
			BS	pCi/L	21.78	71.1 %	43-111	
			BSD	pCi/L	21.78	59.4 %	43-111	
			BSRPD	pCi/L	21.78	18.0%	≤35.5	
Beta	905.0	11/19/18:217007emv	CCV	cpm	8381	90.3 %	85-93	
			CCB	cpm		0.4400	0.58	
Total Strontium	905.0	11/06/18:213241emv	RgBlk	pCi/L		0.28	2	
			LRS	pCi/L	17.73	94.5 %	53-133	
			BS	pCi/L	17.71	89.1 %	75-125	
			BSD	pCi/L	17.71	93.6 %	75-125	
			BSRPD	pCi/L	17.71	4.9%	≤20	
Tritium	906.0	10/29/18:212758aat	Blank	pCi/L		172	<300	
			LCS	pCi/L	1704	100 %	75-125	
			BS	pCi/L	1704	83.6 %	75-125	
			BSD	pCi/L	1704	101 %	75-125	
			BSRPD	pCi/L	1704	17.1%	≤25	
	906.0	10/30/18:216000aat	CCV	pCi/L	26740	103 %	90-110	
			CCB	pCi/L		197	500	
Beta	Ra - 05	11/24/18:217242emv	CCV	cpm	8377	88.8 %	84-94	
			CCB	cpm		0.4000	0.58	
Ra 228	Ra - 05	11/11/18:213182emv	RgBlk	pCi/L		0.06	3	
			LRS	pCi/L	30.86	69.3 %	65-108	
			BS	pCi/L	30.86	94.2 %	75-125	
			BSD	pCi/L	30.86	95.1 %	75-125	
			BSRPD	pCi/L	30.86	0.9%	≤25	

Definition

CCV	: Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
CCB	: Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
Blank	: Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
RgBlk	: Method Reagent Blank - Prepared to correct for any reagent contributions to sample result.
LCS	: Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.
LRS	: Laboratory Recovery Standard - Prepared to establish the batch recovery factor used in result calculations.
MS	: Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
MSD	: Matrix Spike Duplicate of MS/MSD pair - A random sample duplicate is spiked with a known amount of analyted. The recoveries are an indication of how that sample matrix affects analyte recovery.
BS	: Blank Spikes - A blank is spiked with a known amount of analyte. It is prepared to verify that the preparation process is not affecting analyte recovery.

November 27, 2018 Lab ID : SP 1813991

Pat-Chem Laboratories Customer : 2-12670

Quality Control - Radio

Definition	
BSD	: Blank Spike Duplicate of BS/BSD pair - A blank duplicate is spiked with a known amount of analyte. It is prepared to verify that the preparation process is not affecting analyte recovery.
MSRPD	: MS/MSD Relative Percent Difference (RPD) - The MS relative percent difference is an indication of precision for the preparation and analysis.
BSRPD	: BS/BSD Relative Percent Difference (RPD) - The BS relative percent difference is an indication of precision for the preparation and analysis.
ND	: Non-detect - Result was below the DQO listed for the analyte.
DQO	: Data Quality Objective - This is the criteria against which the quality control data is compared.
Explanation	
435	: Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.

CERES Analytical Laboratory, Inc.
4919 Windplay Dr. Suite 1, El Dorado Hills, CA 95762

October 29, 2018 Ceres ID: 12408

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

The following report contains the results for the one aqueous sample received on October 22, 2017. This sample was analyzed for 2,3,7,8-TCDD by EPA 1613B. Routine turn-around time was provided for this work.

This work was authorized under Pat-Chem Laboratories' Project # 18J0463.

The report consists of a Cover Letter, Sample Inventory (Section I), Data Summary (Section II), Sample Tracking (Section VI), and Qualifiers/Abbreviations (Section VII). Raw Data (Section III), Continuing Calibration (Section IV), and Initial Calibration (Section V) are available in a full report (.pdf format) upon request.

If you have any questions regarding this report, please feel free to contact me at (916)932-5011.

Sincerely,



James M. Hedin
Director of Operations/CEO
jhedin@ceres-lab.com

Section I: Sample Inventory

Ceres Sample ID:	Sample ID	Date Received	Collection Date	&Time
12408-001	18J0463-01	10/22/2018	10/17/2018	11:50

Section II: Data Summary

CERES Analytical Laboratory, Inc.
4919 Windplay Dr. Suite 1, El Dorado Hills, CA 95762

EPA Method 1613B

Quality Assurance Sample **Method Blank**		**Date Received:** NA
	QC Batch #: 1880	**Date Extracted:** 10/24/2018
	Matrix: Aqueous	**ZB-5MS Analysis:** 10/27/2018
Project ID: 18J0463	**Sample Size:** 1.000 L	

Analyte	Conc. (pg/L)	MDL	RL	Qual.	Labeled Standards	% R	LCL-UCL (a)	Qualifiers
2,3,7,8-TCDD	DL= 3.06	1.49	5.00		13C-2378-TCDD	98.5	31-137	
					CRS			
					37Cl4-2378-TCDD	101	35-197	

DL - Signifies Non-Detect (ND) at sample specific detection limit.
EMPC - Estimated Maximum Possible Concentration due to ion abundance ratio failure.
(a) - Lower control limit - Upper control limit

Analyst: JMH **Reviewed by: BS**

CERES Analytical Laboratory, Inc.
4919 Windplay Dr. Suite 1, El Dorado Hills, CA 95762

EPA Method 1613B

Quality Assurance Sample **Ongoing Precision and Recovery**		**Date Received:** NA
	QC Batch #: 1880	**Date Extracted:** 10/24/2018
	Matrix: Aqueous	**ZB-5MS Analysis:** 10/27/2018
Project ID: 18J0463	**Sample Size:** 1.000 L	

Analyte	Conc. (ng/mL)	Limits (a)	Labeled Standards	% Rec.	Limits (a)
2,3,7,8-TCDD	DL= 9.53	7.3-14.6	13C-2378-TCDD	99.6	25-141
			CRS		
			37Cl4-2378-TCDD	102	37-158
			(a) Limits based on method acceptance criteria.		

Analyst: JMH **Reviewed by: BS**

CERES Analytical Laboratory, Inc.
4919 Windplay Dr. Suite 1, El Dorado Hills, CA 95762

EPA Method 1613B

Client Sample ID: 18J0463-01		
Project ID: 18J0463	**Ceres Sample ID:** 12408-001	**Date Received:** 10/22/2018
	QC Batch #: 1880	**Date Extracted:** 10/24/2018
Date Collected: 10/17/2018	**Matrix:** Aqueous	**ZB-5MS Analysis:** 10/27/2018
Time Collected: 11:50	**Sample Size:** 0.979 L	

Analyte	Conc. (pg/L)	MDL	RL	Qual.	Labeled Standards	% R	LCL-UCL (a)	Qualifiers
2,3,7,8-TCDD	DL= 4.33	1.49	5.11		13C-2378-TCDD	67.5	31-137	
					CRS			
					37Cl4-2378-TCDD	91.4	42-164	

DL - Signifies Non-Detect (ND) at sample specific detection limit.
EMPC - Estimated Maximum Possible Concentration due to ion abundance ratio failure.
(a) - Lower control limit - Upper control limit

Analyst: JMH **Reviewed by: BS**

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18D463

Customer: IPC, Inc.		Project: (MCC) Quarterly EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	10/17/18	1150	1	Ag, Al, Sb, As, Ba, Be, Cd, Cr, Cu, Fe, Mg, Hg, Ni, Se, Tl, Zn	Grab	AQ	1L P	HN	
			1	F, Bromate, Chlorite, Color, Odor, pH	Grab	AQ	1L P	4°C	
			1	CN	Grab	AQ	250 P	OH, AA	
			1	MBAS	Grab	AQ	500 P	4°C	
			1	Perchlorate	Grab	AQ	500 P	4°C	
			8	524, 504, 552, 552.2,	Grab	AQ	VOA	4°C	
			6	507, 515, 632, 508, 550, 506,	Grab	AQ	1L G	4°C	
			5	Asbestos, Diquat, Endothall, Glphosate, Dioxon- 2,3,7,8 TCCD	Grab	AQ	1L G	4°C	
			6	Radioactive - Radium-226 & 228, Gross Alpha, Gross Beta, Strontium-90 Tritium,	Grab	AQ	1L G	4°C	
			1	Uranium	Grab	AQ	1L G	4°C	

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	10/17/18	
Received by			10/17/18	1303
Relinquished by			10/17/18	1515
Received by				
Relinquished by				
Received in lab by			10/17/18	1515

Sample Received Checklist

Temperature upon receipt: 4°

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab Comp	HC - HCl HS - H_2SO_4 HN - HNO_3 HP - H_3PO_4 OH - NaOH ST - Sodium Thiosulfate AA - Ascorbic Acid Al - $AlCl_3$ Cu - $CuSO_4$
Matrix AQ - Water SO - Soil / Sludge OT - Other	
Bottle Type P - Plastic G - Amber Glass VOA - 40 ml Vial Soil - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

2. Independent Contractor

3. Orders and Acceptance

4. Limit of Liability

5. Clients Responsibility

6. Cancellation

7. Overriding Agreement

8. Force Majeure

9. Confidentiality

10. Hold Harmless

11. Hazardous Substances

12. Prices/Payments

13. Agreement Modification

14. No Third Party Beneficiaries: No Right of Reliance

15. Rush Analysis

16. Holding Times

17. Sample Retention

18. Sample Pick Up/Field Tech Sampling

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

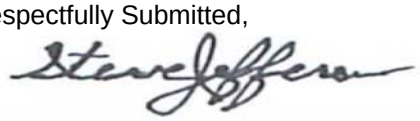
Attention: Ric Vardel
Report Date: 31-Oct-18 16:17
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18J0492-01) Collected: 18-Oct-18 By IPC						
pH	SM4500-H-B	AJ81921	0.1	18-Oct-18 (JC)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AJ81915	0.05	19-Oct-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AJ81818	1.8	20-Oct-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AJ81818	1.8	20-Oct-18 (JC)	2.0 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 10/31/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1800492

Customer: IPC, Inc.		Project: **(MCC) Daily EFF**	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: **Field** **Lab**
EFF	10/18/18	1105	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
			[redacted]	[redacted]	Grab	AQ	1L P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	10/18/18	
Received by			10/18/18	1330
Relinquished by			10/18/18	1545
Received by				
Relinquished by				
Received in lab by			10/18/18	1845

Sample Received Checklist

Temperature upon receipt: 4°

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound to these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent that Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is in the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disposition required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such data where such standard was observed. PCL reports and information provided hereunder are for the exclusive use and benefit of client and no other agency there shall be no third party beneficiary of such reports, data or information. Client will not disclose any third party information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client hereby and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, costs and reasonable expenses (including, but not limited to, attorney fees, investigation expenses) and awards arising in favor of Client, or any third party, as a result of, and/or in any way occurring, incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. Injury, illness or death of persons 2. Loss of, damage to, loss of, or loss of use of property and/or 3. Financial losses of every kind of character. This indemnity does not extend to any of the foregoing losses, costs, damages, or liabilities caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, Client damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other Indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive special, incidental or consequential damages including, without limitation, loss of profit or business interruption, litigation expenses or other fees (including without limitation attorney's fees, court costs, awards or jury or jury judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as hazardous federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of specimens on the date the services were rendered or with prices quotes and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment must be made in full when invoices is completed received or for all new clients or with a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by law or by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney the client to all pay reasonable costs and attorney's fees in courts' fees associated with such collection proceedings or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports obtained by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party interests on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of the purchase, sale, underwriting, or distribution of securities, any periodic or other reporting to the holders of any security, the issuing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times 2-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. Afterhours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 31-Oct-18 16:19
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18J0513-01) Collected: 19-Oct-18 By IPC						
pH	SM4500-H-B	AJ82013	0.1	19-Oct-18 (JC)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AJ81925	0.05	19-Oct-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AJ81905	1.8	21-Oct-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AJ81905	1.8	21-Oct-18 (JC)	4.0 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 10/31/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 185613

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Golan Kfir	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	10/19/18	12:05	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
~~1~~	~~"~~		~~1~~	~~BOD~~	~~Grab~~	~~AQ~~	~~1L P~~	~~4°C~~	
	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by GK	Golan IPC	10/19/18	
Received by	Guard PCL	10/19/18	1230
Relinquished by	Guard PCL	10/19/18	1430
Received by			
Relinquished by			
Received in lab by		10/19/18	1430

Sample Received Checklist

Temperature upon receipt: 4pp

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
~~Grab~~ Comp	HC - HCl
Matrix	HS - H_2SO_4
~~AQ~~ - Water	HN - HNO_3
~~SO~~ -Soil / Sludge	HP - H_3PO_4
OT - Other	OH - NaOH
Bottle Type	ST - Sodium Thiosulfate
P - Plastic	AA - Ascorbic Acid
G - Amber Glass	AI - $AlCl_3$
VOA - 40 ml Vial	Cu -$CuSO_4$
~~Coli~~ - Bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additional amendments which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes (i) an acceptance by the client of PCL offer to do business with the client under the terms and conditions and (ii) an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

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PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such data where such standard was followed. PCL reports and data relative to sample analyses are for the exclusive use and benefit of client and client agrees that it shall be a third party beneficiary of such reports, data or information. Client will not disclose to any third party any proprietary operating technical information, software or product or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, between damages, claims, demands, causes of action, suits and any related expenses including, but not limited to, all court fees, litigation, fines and any and all awards arising in favor of Client, or any third party as a result of, and/or in any way arising incidental to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or sample collection, handling, or disposal of client's hazardous substances, if legally, due to any of client's or client's agents, employees, or of PCL or its employees. Further, client indemnifies shall specifically apply to claims, damages, actions or expenses and costs arising out of or in connection with the unintentional, whether active, or negligence in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, client agrees that its indemnity obligations will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption, litigation expenses or other fees (including, without limitation, attorney's fees, expert fees, and/or jury or jury judgment research), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state of local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

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Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

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All pick up/sampling fees have been noted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

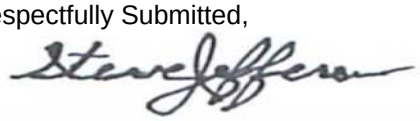
Attention: Ric Vardel
Report Date: 31-Oct-18 16:23
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18J0534-01) Collected: 20-Oct-18 By IPC						
pH	SM4500-H-B	AJ82118	0.1	21-Oct-18 (JC)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AJ82119	0.05	21-Oct-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AJ82014	1.8	23-Oct-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AJ82014	1.8	23-Oct-18 (PL)	4.5 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 10/31/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18J0534

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Ric VARDEL	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	10/20	0800	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
~~"~~			~~1~~	~~BOD~~	Grab	AQ	~~1L P~~	~~4°C~~	
"	10/20	0800	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by		Ric VARDEL (IR)	10/20	0815
Received by				
Relinquished by	Jose L Gomez	Jose L Gomez	10-20-18	1150
Received by				
Relinquished by				
Received in lab by				

Sample Received Checklist

Temperature upon receipt: _____
# of bottles agrees with COC? Yes No
Samples intact? Yes No
Samples properly preserved? Yes No
Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____
Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who has requested laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be advanced or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing its services.

3. Orders and Acceptance

PCL offers and will accept orders for services as defined herein only under the following Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may order services by submitting a written chain of custody (COC) to PCL. Any such order and PCL's acceptance by the client of PCL's offer to do business with the client under the terms and conditions and the agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No conflicting or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

10. Hold Harmless

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples, materials for analysis such as subsoil or groundwater, chemicals, biological substances or any other hazardous or toxic material, wastes, and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof) (the "Hazardous Materials"). Client understands and agrees that any hazardous materials received by PCL from Client or at Client's property shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of as unused portions of samples as specified by Client or by PCL's QA/QC policies. In the event the Client does not specify its preferred means of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current available disposal policy. In addition, all samples received by PCL for analysis of bacterial analysis client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of operations or the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment of retainer or down payment is required for all new clients and a credit history of payment and terms has been established with PCL. For those clients with an established account, the terms for payment of invoices are net 30 calendar days (30) days from date of invoice. Failure to pay within specified time of all or any applicable fee, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of 1.5% per month or the maximum rate permitted by law. In case suit shall be brought for collection of the unpaid balance, or if collection is referred to an attorney, the client shall pay reasonable costs and attorney's fees or equitable fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the Terms shall be effective only if in writing and executed by an officer of PCL and by client's authorized representative. Verbal or subsequent orders for additional services may be verified in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that the parties hereto (the party to this agreement, and their respective third party beneficiaries) may rely on such data, information or reports. Client represents, warrants, and agrees that such data, information and reports are not requested or shall be used to mislead upon, in connection with or as part of, the purchase, sale, underwriting, or continuation of any securities, any periodic or other recurring to the holders of any security, the securing, advancement, renewal, or extension of any loan from any financial institution or other lender of the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 2pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times (< 7 days), samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (such as 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been outlined on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be processed as additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

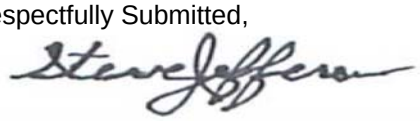
Attention: Ric Vardel
Report Date: 31-Oct-18 16:26
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18J0539-01) Collected: 21-Oct-18 By IPC						
pH	SM4500-H-B	AJ82121	0.1	21-Oct-18 (JC)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AJ82120	0.05	21-Oct-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AJ82117	1.8	24-Oct-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AJ82117	1.8	24-Oct-18 (JC)	2.0 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 10/31/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18J0539

Customer: IPC, Inc.		Project: **(MCC) Daily EFF**	
Address: 9297 Research Drive		Sampled by:	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	10/21	0830	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	
"	10/21	0830	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by		Ric Vardiz (IPC)	10/21	0830
Received by		Jordan Corkery	10/21	0830
Relinquished by				
Received by				
Relinquished by				
Received in lab by		Jordan Corkery	10/21	1340

Sample Received Checklist

Temperature upon receipt: _____

# of bottles agrees with COC?	Yes	No
Samples intact?	Yes	No
Samples properly preserved?	Yes	No
Samples in holding time?	Yes	No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or re-issued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No counter or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including production of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodology or which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or in the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of this agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for any inadvertent disclosure of such data where such standard was observed. PCL reports and information provided hereunder are for the exclusive use and benefit of client and client agrees that it shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software, programs or other know-how.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all actions, losses or damages, claims, demands, causes of action, suits and associated expenses, including, but not limited to, all court fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way arising, incident to, arising out of, or in connection with the performance of services by PCL pursuant to the agreement and/or compensation, handling or disposal of client's hazardous materials, E. coli, Enterococci, Fecals, Coliforms, Total, or damage to, loss of, or loss of use of property, personal injury, illness or death of any person, including but not limited to any employee, agent or servant of client or any of its affiliates, in connection with the negligence or willful misconduct of client, its employees, agents or servants, or any of their respective affiliates, whether active or passive, in the performance of services under this agreement. The foregoing indemnity would be in addition to any liability which client may otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, client agrees that its indemnification obligation will be supported by client's liability insurance coverage in the form and amounts required by law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption. Litigation Expenses or other fees including, without limitation, attorney's fees, court costs, and/or pre or post judgment interest, or any other expenses incurred by the successful party in any claim, suit, action, litigation against or involving PCL or any indemnified person in connection with this agreement or any services provided under this agreement by the successful party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples material for analysis such as asbestos, polychlorinated biphenyls, blatter or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any Hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of acceptance on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when services is completed is required for all new clients or until a history of payment and/or credit approval has been established with PCL. For those clients with an established credit account, the terms are net (date of change on the face of the invoice) 30 days from date of invoice. No late fees when payment is received in full by the 30th day of the month in the invoice billing. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only if in writing and executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client in securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity, for any other person or entity, it is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports prepared or furnished by PCL shall be used by client solely for client's own benefit and that no such data, information or report prepared or furnished by PCL shall be used, in whole or in part, for the purpose of inducing the sale, underwriting, or distribution of any securities, any periodic or other securities to the holders of any security, the securing, arrangement, renewal, or extension of any loan from any financial institution or other lender or the participation in or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 2pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less' samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times 2-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (days are 8 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All bulk pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be processed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

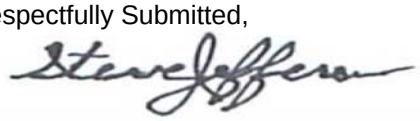
Attention: Ric Vardel
Report Date: 31-Oct-18 16:28
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18J0552-01) Collected: 22-Oct-18 By IPC						
pH	SM4500-H-B	AJ82433	0.1	22-Oct-18 (JC)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AJ82330	0.05	23-Oct-18 (PL)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AJ82235	1.8	24-Oct-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AJ82235	1.8	24-Oct-18 (JC)	4.0 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 10/31/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1850552

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	10/22/18	1140	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
			[redacted]	[redacted]	Grab	AQ	1L P	4°C	
	1	1	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD: Logcode: IPCI Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	Carlos Alvarez (Apc)	10/22/18	
Received by	Eric Garcia (PCL)	10/22/18	1200
Relinquished by	Eric Garcia (PCL)	10/22/18	1300
Received by			
Relinquished by			
Received in lab by		10/22/18	1300

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Sample Received Checklist

Temperature upon receipt: 4 ice

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab / Comp	HC - HCl
Matrix	HS - H_2SO_4
AQ - Water	HN - HNO_3
SO - Soil / Sludge	HP - H_3PO_4
OT - Other	OH - NaOH
Bottle Type	ST - Sodium Thiosulfate
P - Plastic	AA - Ascorbic Acid
G - Amber Glass	AI - $AlCl_3$
VOA - 40 ml Vial	Cu - $CuSO_4$
Coli - Bacteria	

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

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PCL acts solely as an independent contractor in performing all services.

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PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modification to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The Client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the US Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC) Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employers or sources to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the samples or materials provided by client or its agent supplied and the results obtained by PCL shall be held in confidence unless such information is generally available to the public, or is the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data when such standard was observed. PCL reports and information provided thereunder are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other proprietary.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and costs and expenses, including, but not limited to, all court fees (the "Litigation Expenses"), and awards arising in favor of Client or any third party as a result of, and/or in any way occurring, incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement, except to the extent caused by willful misconduct of PCL, its employees. Without limitation, and specifically without waiver, client does hereby release, hold harmless and indemnify PCL from any and all claims of every kind and character, arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities are in addition to any liability which the client might otherwise incur to PCL and the other indemnified persons. To the extent necessary under such circumstances, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption, litigation Expenses or other fees including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest, or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or any services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples of materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic materials, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by Client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for analysis for local or state clients will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and price lists.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of execution or the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or pts a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by law all by acceptable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agency fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client or its duly representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports prepared by PCL. Client in securing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity, it is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested or will be used to gain upon, in connection with or as part of the purchase, sale, underwriting, or distribution of securities, any periodic or other reporting to the holders of any securities, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the qualification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. No analytes with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (Bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

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San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

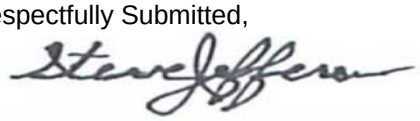
Attention: Ric Vardel
Report Date: 31-Oct-18 16:30
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18J0580-01) Collected: 23-Oct-18 By IPC						
pH	SM4500-H-B	AJ82433	0.1	23-Oct-18 (JC)	7.3 pH Units	
Residual Chlorine	SM 4500 Cl-G	AJ82431	0.05	24-Oct-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AJ82341	1.8	26-Oct-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AJ82341	1.8	26-Oct-18 (JC)	1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 10/31/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18J0580

Customer: IPC, Inc.		Project : **(MCC) Daily EFF**	
Address: 9297 Research Drive		Sampled by: Golan Kfir	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	10/23/18	14:10	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.22/25°C
~~1~~			~~1~~	~~BOD~~	Grab	AQ	1L P	~~4°C~~	
	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

~~Geotracker EDD:~~
Logcode: IPCI
Global ID: WDR100000359

Signature	Print Name (Company)	Date	Time
Relinquished by GK	Golan IPC	14:10	
Received by Ardell	Armando Olmos PCI	~~10/23/18~~ 10/23/18	15:17
Relinquished by Ardell	Armando Olmos	10/23/18	18:40
Received by			
Relinquished by			
Received in lab by		10/23/18	1800

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Sample Received Checklist

Temperature upon receipt: ~~4°C~~ AOK

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	HC - HCl
Comp	HS - H_2SO_4
Matrix	HN - HNO_3
AQ - Water	HP - H_3PO_4
SO -Soil / Sludge	OH - NaOH
OT - Other	ST - Sodium Thiosulfate
Bottle Type	AA - Ascorbic Acid
P - Plastic	Al - $AlCl_3$
G - Amber Glass	Cu -$CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined hereon) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. Any contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or in the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unwilling/accidental disclosure of said data where such standard was utilized. PCL reports and information provided thereon are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses, including, but not limited to all court fees (the Litigation Expenses) and awards arising in favor of client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling, or disposal of client's hazardous materials, 1. injury, disease or death of persons 2. Loss of, damage to, loss of, or loss of use of property and/or 3. Financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages, or liabilities caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, and liabilities of every kind and character arising out of and in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive special, incidental or consequential damages (including without limitation, loss of profits or business interruption Litigation Expenses in other laws including, without limitation, attorney's fees, court costs, and/or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analytes such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when otherwise is required for all new clients in until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client authorized representative, except that subsequent orders for additional services may be verbal or by writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. Client agrees and acknowledges that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 0-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

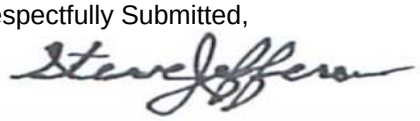
Attention: Ric Vardel
Report Date: 31-Oct-18 16:35
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18J0631-01) Collected: 24-Oct-18 By IPC						
pH	SM4500-H-B	AJ82442	0.1	24-Oct-18 (JC)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AJ82443	0.05	24-Oct-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AJ82432	1.8	27-Oct-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AJ82432	1.8	27-Oct-18 (JC)	1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 10/31/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18JC631

Customer: IPC, Inc.		Project : (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: C.	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	10/24/18	1155	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.5 / 23.9
			[redacted]	[redacted]	Grab	AQ	1L P	4°C	
	1	1	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD: Logcode: IPCI Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	Carlos Alvarez (Zoe)	10/24/18	
Received by	PatChem	10/24/18	1:34
Relinquished by PatChem	PatChem	10/24/18	3:31
Received by			
Relinquished by			
Received in lab by		10/25/18	1035

Sample Received Checklist

Temperature upon receipt: 4c

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Matrix	Bottle Type
~~Grab~~ Comp	AQ - Water	P - Plastic
	SO - Soil / Sludge	G - Amber Glass
	OT - Other	VOA - 40 ml Vial
		Coli - bacteria

Preservations	
HC - HCl	
HS - H_2SO_4	
HN - HNO_3	
HP - H_3PO_4	
OH - NaOH	
ST - Sodium Thiosulfate	
AA - Ascorbic Acid	
AI - $AlCl_3$	
Cu - $CuSO_4$	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

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For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Water Board (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

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8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by lawful legal process. PCL uses the same standard of care as it does in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and PCL agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any interpretation made of technical information, including prepared or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, costs and associated expenses, including, but not limited to, all court fees, litigation expenses and reasonable attorney or expert fees or any third party, as a result of, and/or in any way occurring incident to arising out of, or in connection with, the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, disease or death of persons 2. loss of, damage to, lost of, or loss of use of property, and or 3. business loss of every kind of character. This indemnity does not apply to any of the foregoing where costs, damages or injuries caused solely by the active negligence or willful misconduct of PCL or its employees. Further, the indemnity shall specifically apply to all losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption, Litigation Expenses or other fees including, without limitation, attorney's fees, court costs, and for pre or post judgment interests, or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls (known) or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of stored samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and credit worthiness has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by law as well by accepted law, any amount unpaid as thereof 30 days after it is billed is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees in events from associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by clients authorized representative. Verbal or telephoned orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is serving services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any securities, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal time will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times 2-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

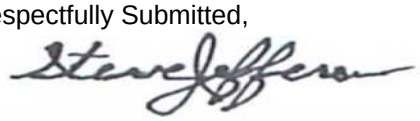
Attention: Ric Vardel
Report Date: 31-Oct-18 16:55
Subject: (MCC) Weekly EFF

Project/P.O.#: (MCC) Weekly EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18J0635-01) Collected: 24-Oct-18 By IPC						
Ammonia as N	EPA 350.1	AJ82517	0.10	25-Oct-18 (SGS)	0.12 mg/l	
Biochemical Oxygen Demand	SM 5210B	AJ82510	2	30-Oct-18 (WW)	<2 mg/l	
Nitrate as N	EPA 353.2	AJ82505	0.20	25-Oct-18 (LA)	2.70 mg/l	
Nitrite as N	EPA 353.2	AJ82505	0.02	25-Oct-18 (LA)	0.05 mg/l	
Total Kjeldahl Nitrogen	EPA 351.2	AJ82507	0.10	26-Oct-18 (LA)	0.78 mg/l	
Total Suspended Solids	SM 2540D	AJ82515	1	25-Oct-18 (SGS)	<1 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 10/31/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18J0635

Customer: IPC, Inc.		Project: **(MCC) Weekly EFF**	
Address: 9297 Research Drive		Sampled by:	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	10/24/18	1155	1	TSS	Grab	AQ	1L P	4°C	
			1	NH4, TKN	Grab	AQ	500 P	HS	
			1	NO2, NO3	Grab	AQ	500 P	4°C	
			1	BOD					
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Rivas (IPC)	10/24/18	
Received by		Pat Chen	10/24/18	1:29
Relinquished by		Pat Chen	10/24	3:33
Received by				
Relinquished by				
Received in lab by			10/25/18	1535

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	**HC** - HCl
Comp	**HS** - H_2SO_4
Matrix	**HN** - HNO_3
AQ - Water	**HP** - H_3PO_4
SO -Soil / Sludge	**OH** - NaOH
OT - Other	**ST** - Sodium Thiosulfate
Bottle Type	**AA** - Ascorbic Acid
P - Plastic	**Al** - $AlCl_3$
G - Amber Glass	**Cu** - $CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the Client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to this contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or to the public domain or client has failed to pay PCL for all services rendered). It is otherwise in breach of the agreement), subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereunder are for the exclusive use and benefit of client and PCL agrees there shall be no third party beneficiary of such reports, data or information. Clients will not disclose to any third party any information concerning technical information, software, price lists or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses, including, but not limited to, all court fees, litigation expenses and awards, arising in favor of Client or any third party, as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials: 1. injury, disease or death of persons 2. loss of, damage to, or loss of, or loss of use of property and/or 3. financial loss of every kind, of that kind. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall not specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post-judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis. Client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoice. To the fullest extent permitted by or allowed by applicable law, any amount unpaid as the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agency fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the Terms shall be effective only in writing and executed by an officer of PCL and by clients authorized representative; except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

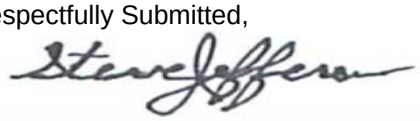
Attention: Ric Vardel
Report Date: 31-Oct-18 17:00
Subject: (MCC) Weekly INF

Project/P.O.#: (MCC) Weekly INF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
INF (Sample I.D.# : 18J0628-01) Collected: 24-Oct-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AJ82510	2	30-Oct-18 (WW)	372 mg/l	
Total Suspended Solids	SM 2540D	AJ82515	1	25-Oct-18 (SGS)	212 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 10/31/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18J0628

Customer: IPC, Inc.		Project : **(MCC) Weekly INF**	
Address: 9297 Research Drive		Sampled by:	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
INF	10/24/18	1220	1	TSS	Grab	AQ	1L P	4°C	
	1	1	1	BOD	Grab	AQ	1L P	4°C	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (3PL)	10/24/18	
Received by		Patchem	10/24/18	1:55
Relinquished by		Patchem	10/24	3:31
Received by				
Relinquished by				
Received in lab by			10/25/18	1535

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC?	Yes	No
Samples intact?	Yes	No
Samples properly preserved?	Yes	No
Samples in holding time?	Yes	No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu -$CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

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The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

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10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses (including, but not limited to all court fees (the Litigation Expenses)) and awards arising in favor of Client or any third party as a result of, and/or in any way claiming incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, threats or death of persons 2. loss of, damage to, loss of, or loss of use of property and or 3. financial loss of every kind or character. This indemnity does not apply to any of the foregoing liabilities, suits, damages or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether active or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might incur to PCL and the other indemnified Persons. To the extent necessary under applicable law, Client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive special, incidental or consequential damages including, without limitation, loss of profits, business interruption, Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and/or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of negotiations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or letter of credit is considered is required for all new clients, or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted or as allowed by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or efforts.

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PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

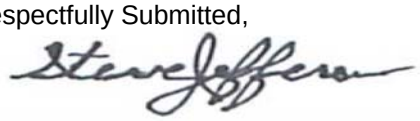
Attention: Ric Vardel
Report Date: 31-Oct-18 16:38
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18J0656-01) Collected: 25-Oct-18 By IPC						
pH	SM4500-H-B	AJ82721	0.1	25-Oct-18 (JC)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AJ82521	0.05	25-Oct-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AJ82518	1.8	27-Oct-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AJ82518	1.8	27-Oct-18 (JC)	2.0 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 10/31/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 180656

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Ivan Aguilar	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	10/25/18	1215	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
			~~1~~	~~BOD~~	Grab	AQ	1L P	4°C	
	11	11	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

~~Geotracker EDD:~~
Logcode: IPCI
Global ID: WDR100000359

Signature	Print Name (Company)	Date	Time
Relinquished by	Ivan Aguilar IPC	10/25/18	
Received by	Elg Evans Co. ptl	10/25/18	13:40
Relinquished by	Elg Evans pel	10/25/18	1600
Received by			
Relinquished by			
Received in lab by		10-25-18	16 00

Sample Received Checklist

Temperature upon receipt: 4
# of bottles agrees with COC? Yes No
Samples intact? Yes No
Samples properly preserved? Yes No
Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____
Final Flow _____

Sample Type	Preservations
Grab	HC - HCl
Comp	HS - H_2SO_4
Matrix	HN - HNO_3
AQ - Water	HP - H_3PO_4
SO - Soil / Sludge	OH - NaOH
OT - Other	ST - Sodium Thiosulfate
Bottle Type	AA - Ascorbic Acid
P - Plastic	Al - $AlCl_3$
G - Amber Glass	Cu - $CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's requests and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or in the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such data where such standard was observed. PCL reports and information provided hereunder are for the exclusive use and benefit of client and client agrees that it will not hold any third party beneficiaries of such reports, data or information. Client will not disclose to any third party any proprietary or confidential technical information, software programs or other information.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parents harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, costs and reasonable expenses including, but not limited to, attorneys' fees (by litigation, arbitration and appeal), arising in favor of client or any third party, as a result of, or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. injury, disease or death of persons 2. loss of, damage to, loss of, contact of use of property and/or 3. failure or loss of reputation or character. This indemnity does not apply to any of the foregoing losses, costs, damages or liabilities caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to, inter alia, claims, damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the minimum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption, litigation expenses or other fees (including, without limitation, attorney's fees, court costs, and/or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or any services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified at such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit is established with PCL. For those clients with an established credit account, the terms for payment of charges are NET (date within thirty (30) days from date of invoice). To the fullest extent permitted by law, any amount unpaid by the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees in addition to any fees associated with such collection proceedings or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client or authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is acting, services rendered for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, assessment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 7-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

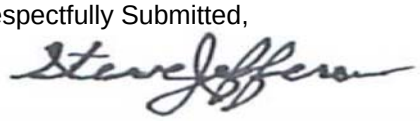
Attention: Ric Vardel
Report Date: 31-Oct-18 16:40
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18J0677-01) Collected: 26-Oct-18 By IPC						
pH	SM4500-H-B	AJ82721	0.1	26-Oct-18 (JC)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AJ82722	0.05	27-Oct-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AJ82604	1.8	28-Oct-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AJ82604	1.8	28-Oct-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 10/31/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18j0677

Customer: IPC, Inc.		Project: **(MCC) Daily EFF**	
Address: 9297 Research Drive		Sampled by: C.	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	10/26/18	1055	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
			1	[redacted]	Grab	AQ	1L P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

Signature	Print Name (Company)	Date	Time
Relinquished by: C.	Carlos Alvarado (SBC)	10/26/18	
Received by:	[illegible]	10/26/18	1300
Relinquished by:	[illegible]	10/26/18	1340
Received by:			
Relinquished by:			
Received in lab by:	PL	10-26-18	1340

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	**HC** - HCl
Comp	**HS** - H_2SO_4
Matrix	**HN** - HNO_3
AQ - Water	**HP** - H_3PO_4
SO -Soil / Sludge	**OH** - NaOH
OT - Other	**ST** - Sodium Thiosulfate
Bottle Type	**AA** - Ascorbic Acid
P - Plastic	**Al** - $AlCl_3$
G - Amber Glass	**Cu** -$CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

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PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

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10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees (the obligation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. injury, disease or death of persons 2. Loss of, damage to, loss of, or loss of use of property, and/or 3. Financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption), Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive sample materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

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13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client in securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity, it is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contacting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (Bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

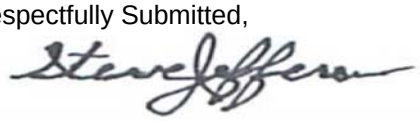
Attention: Ric Vardel
Report Date: 31-Oct-18 16:43
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18J0697-01) Collected: 27-Oct-18 By IPC						
pH	SM4500-H-B	AJ83019	0.1	27-Oct-18 (SS)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AJ82821	0.05	28-Oct-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AJ82720	1.8	30-Oct-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AJ82720	1.8	30-Oct-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 10/31/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18J0697

Customer: IPC, Inc.		Project : **(MCC) Daily EFF**	
Address: 9297 Research Drive		Sampled by:	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	10/27	0830	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	
11	10/27	0830	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

Signature	Print Name (Company)	Date	Time
Relinquished by	Ric VARDEL (IPC)	10/27	0830
Received by			
Relinquished by	Jose L Gomez	10-27-18	1130
Received by			
Relinquished by			
Received in lab by			

Sample Received Checklist

Temperature upon receipt: _____

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

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For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public, or in the public domain or client has filed to pay PCL for all services rendered, or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such data where such standard was observed. PCL reports and information provided thereunder are for the exclusive use and benefit of client and for no others there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other know-how.

10. Hold Harmless

Client releases and will save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses, including, but not limited to, all court fees, litigation expenses and experts' fees, arising in favor of Client or any third party, as a result of, or in any way relating, directly or indirectly, to all or in connection with the performance of services by PCL pursuant to this agreement and/or implementation, handling or disposal of client's hazardous materials, 1. injury, disease or death of persons 2. loss of, damage to, loss of, or loss of use of property and/or 3. financial loss of every kind or character. This indemnity shall not apply to any of the foregoing losses, costs, damages or liabilities caused solely by the willful misconduct or gross negligence of PCL, or its employees. Further, this indemnity shall specifically apply to lawsuit claims, damages, actions of every kind and character arising out of and in connection with the negligence of or breach of contract by any indemnified Person, whether active or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, Client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) of whatever kind or character, however arising, whether foreseeable, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided unless this agreement expressly states to the contrary.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or under a history of delinquent and/or credit accounts that have been established with PCL. For those clients with an established credit account, the terms for payment of any and are NOT LESS (within thirty (30) days from date of invoice. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the losing shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedures or efforts.

13. Agreement Modification

Changes, modifications or amendments to the Terms shall be effective only in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use, reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for its own account, and not as agent (client), or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to record upon, in connection with or as part of, the purchase, sale, underwriting, or syndication of any securities, any periodic or other reporting to the holders of any security, the issuing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays of similar nature are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES
QUALITY ANALYTICAL SERVICES SINCE 1987
1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 31-Oct-18 16:45
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18J0701-01) Collected: 28-Oct-18 By IPC						
pH	SM4500-H-B	AJ83019	0.1	28-Oct-18 (SS)	7.6 pH Units	
Residual Chlorine	SM 4500 Cl-G	AJ82821	0.05	28-Oct-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AJ82820	1.8	30-Oct-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AJ82820	1.8	30-Oct-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 10/31/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18J0701

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Ric Vardel	P.O. #:
Irvine	CA 92618	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	10/28	0900	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
PV			1	BOD	Grab	AQ	1L P	4°C	
11	10/28	0900	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	Ric Vardel (IPC)	10/28	0915
Received by	Jordan Corkery	10/28	0915
Relinquished by			
Received by			
Relinquished by			
Received in lab by	Jordan Corkery	10/28	1330

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Sample Received Checklist

Temperature upon receipt: _____

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. Non-monetary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

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Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

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Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is provided, directly or indirectly, to client by PCL) for all services rendered or to be rendered in breach of the agreement (subject to any disclosure required by law or legal process). PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of confidential information. Upon client's request, PCL reports and other material provided thereto are for the exclusive use and benefit of client and client agrees that there shall be no third party beneficiaries of our reports, data or information. Client will not disclose to any third party any information concerning technical data, know-how, software programs or other proprietary

10. Hold Harmless

Client releases, to the full scope, indemnifies, defends and holds PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all claims, losses or damages, claims, demands, causes of action, suits and associated liabilities including, but not limited to, all court fees (like Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring, incident to or arising out of, or in connection with the performance of services by PCL pursuant to this Agreement and, or interpretation, handling or disposal of client's hazardous materials. 1. injury, disease or death of persons 2. loss of, damage to, or use of, or loss of use of property and 3. financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, claims, damages or expenses caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to cover claims based on actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be to the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption, litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation, against or involving PCL or any indemnified person in connection with this agreement or any services provided under this agreement, even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

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Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of execution of the order the services were rendered or such other price quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment is net within 30 days unless otherwise stipulated in writing or for all new clients requiring a minimum of $1,000 credit account has been established with PCL. For invoice clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by law and by Applicable Law, any invoiced amount not paid on time shall be subject to interest at the rate of the maximum rate permitted by law, or 1.5% and one-half percent (1.5%) per month on the unpaid balance. If unpaid accounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees for same. Non-acceptable work, such rules/regulations or criteria

13. Agreement Modification

Changes, modifications or amendments to the Terms shall be effective only if in writing and executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for Client's use of or reliance on data, information or reports delivered by PCL. Client is retaining services PCL is hired for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or continuation of any securities, any person, or other recipient of the services, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the classification or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 2pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analytes with holding times of 24 hours or less, samples must arrive within 20 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-3 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (excepting 8 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

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All pick up/sampling fees have been listed on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 31-Oct-18 16:47
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18J0711-01) Collected: 29-Oct-18 By IPC						
pH	SM4500-H-B	AJ83019	0.1	29-Oct-18 (SS)	7.3 pH Units	
Residual Chlorine	SM 4500 Cl-G	AJ83014	0.05	30-Oct-18 (PL)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AJ82931	1.8	31-Oct-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AJ82931	1.8	31-Oct-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 10/31/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18J0711

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: C.	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	10/29/18	1130	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.31 / 21.3°C
			[redacted]	[redacted]	Grab	AQ	1L P	4°C	
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

~~Geotracker EDD:~~
Logcode: IPCI
Global ID: WDR100000359

Signature	Print Name (Company)	Date	Time
Relinquished by: C.	Carlos Alvarado (SAC)	10/29/18	
Received by:	Armando Olmos (Patchem)	10/29/18	17:34
Relinquished by:	Armando Olmos (Patchem)	10/29/18	1:48
Received by:			
Relinquished by:			
Received in lab by:	PL	10.29.18	1348

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

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PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.
The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions.
The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.
For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

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Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

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Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

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The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has filed to pay PCL for all services rendered) or is otherwise in breach of the agreement, subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and PCL agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software processes or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, costs and associated expenses, including, but not limited to all court fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials: 1. injury, disease or death of persons 2. loss of, damage to, loss of, or loss of use of property and or 3. financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence or breach of contract by any indemnified Person, whether actual or alleged in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, Client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and/or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, barrels or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any lab bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment is due upon when invoice is completed or is mailed for all new clients or upon a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by or as will be applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees to agents' fees associated with such collection proceedings or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by the an authorized representative, except that subsequent orders for additional services may be verbal or by telefax.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and report(s) are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (Bacteria) a 6 hour 0 must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 06-Nov-18 14:37
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT		NOTE
EFF (Sample I.D.# : 18J0764-01) Collected: 30-Oct-18 By IPC							
pH	SM4500-H-B	AK80116	0.1	30-Oct-18 (JC)	7.8	pH Units	
Residual Chlorine	SM 4500 Cl-G	AJ83146	0.05	31-Oct-18 (JC)	<0.05	mg/l	
Fecal Coliforms	SM 9221E	AJ83144	1.8	04-Nov-18 (JC)	<1.8	MPN/100 ml	O-04
Total Coliforms	SM 9221B	AJ83144	1.8	04-Nov-18 (JC)	2.0	MPN/100 ml	O-04

Notes and Definitions

O-04 This sample was analyzed outside the EPA recommended holding time.

Respectfully Submitted,

Steve Jefferson 11/6/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 180764

Customer: IPC, Inc.		Project : (MCC) Daily EFF	
Address: 9297 Research Drive, Irvine CA 92618		Sampled by: Ric Vardel / Golan Kfir	P.O. #: 949-382-9067
		Report Attention:	Phone #:

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	10/30/18	1150	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by			
Received by			
Relinquished by			
Received by			
Relinquished by			
Received in lab by		10/30/18	1400

Sample Received Checklist 4°C

Temperature upon receipt: _____

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	**HC** - HCl
Comp	**HS** - H_2SO_4
Matrix	**HN** - HNO_3
AQ - Water	**HP** - H_3PO_4
SO -Soil / Sludge	**OH** - NaOH
OT - Other	**ST** - Sodium Thiosulfate
Bottle Type	**AA** - Ascorbic Acid
P - Plastic	**Al** - $AlCl_3$
G - Amber Glass	**Cu** -$CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" mean these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or solicitation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has fixed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such data where such standard was followed. PCL reports and information provided thereunder are for the exclusive use and benefit of Client and Client agrees there shall be no third party beneficiary of its reports, data or information. Client will not disclose to any third party any information concerning technical information, software, programs or other information.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parents harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and expenses (including, but not limited to all court fees, other litigation expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way arising incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, disease or death of persons 2. loss of, damage to, loss of use of property and/or 3. financial loss of every kind or character. This indemnity does not apply to direct (consequential losses, costs, damages or liabilities caused solely by the active negligence or willful misconduct of PCL or its employees. If client, his employees shall contributorily apply to blame, assume the acts, actions of every kind and characters arising out of or in connection with the negligence of or breach of contract by any indemnified Persons, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other Indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive special, incidental or consequential damages including, without limitation, loss of profit or business interruption (litigation expenses or other fees (including, without limitation, attorney's fees, court costs, and pre and post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

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15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

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All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

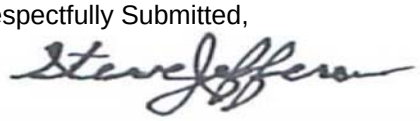
Attention: Ric Vardel
Report Date: 06-Nov-18 14:54
Subject: (MCC) Weekly EFF

Project/P.O.#: (MCC) Weekly EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18J0741-01) Collected: 30-Oct-18 By IPC						
Ammonia as N	EPA 350.1	AJ83140	0.10	31-Oct-18 (SGS)	<0.10 mg/l	
Biochemical Oxygen Demand	SM 5210B	AJ83139	2	05-Nov-18 (SGS)	3 mg/l	
Nitrate as N	EPA 353.2	AJ83135	0.20	31-Oct-18 (LA)	2.80 mg/l	
Nitrite as N	EPA 353.2	AJ83135	0.02	31-Oct-18 (LA)	0.04 mg/l	
Total Kjeldahl Nitrogen	EPA 351.2	AK80113	0.10	02-Nov-18 (LA)	0.96 mg/l	
Total Suspended Solids	SM 2540D	AJ83138	1	31-Oct-18 (EA)	1 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 11/6/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18J0741

Customer: IPC, Inc.		Project : **(MCC) Weekly EFF**	
Address: 9297 Research Drive		Sampled by:	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	10/30/18	1150	1	TSS	Grab	AQ	1L P	4°C	
			1	NH4, TKN	Grab	AQ	500 P	HS	
			1	NO2, NO3	Grab	AQ	500 P	4°C	
			1	[redacted] BOD					

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	10/30/18	1300
Received by		MARIO SANTIESTEBAN (PCL)	10/30/18	1300
Relinquished by		MARIO SANTIESTEBAN (PCL)	10/30/18	1700
Received by				
Relinquished by				
Received in lab by		PLL	10/30/18	1720

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab / Comp	HC - HCl
Matrix	HS - H_2SO_4
AQ - Water	HN - HNO_3
SO -Soil / Sludge	HP - H_3PO_4
OT - Other	OH - NaOH
Bottle Type	ST - Sodium Thiosulfate
P - Plastic	AA - Ascorbic Acid
G - Amber Glass	AI - $AlCl_3$
VOA - 40 ml Vial	Cu -$CuSO_4$
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL)'s standard price schedule as such document may be amended or reissued from time to time by PCL.

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PCL acts solely as an independent contractor in performing all services.

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PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

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Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public, or is the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized movement of said data where such standard was observed. PCL reports and information provided hereunder are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software or quality assurance information.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent, harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, costs and associated expenses including, but not limited to, all court fees (the Litigation Expense) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. Injury, disease or death of persons 2. Loss of, damage to, loss of, or loss of use of property and/or 3. Financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other Indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profits or business interruption, Litigation Expenses or other fees including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest, or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for aerobic bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by or all by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection proceedings or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 8 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company, delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM
LABORATORIES
QUALITY ANALYTICAL SERVICES SINCE 1987
1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

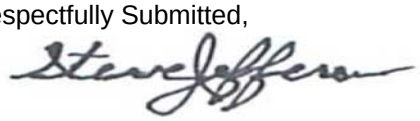
Attention: Ric Vardel
Report Date: 06-Nov-18 14:57
Subject: (MCC) Weekly INF

Project/P.O.#: (MCC) Weekly INF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
INF (Sample I.D.# : 18J0743-01) Collected: 30-Oct-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AJ83139	2	05-Nov-18 (SGS)	382 mg/l	
Total Suspended Solids	SM 2540D	AJ83138	1	31-Oct-18 (EA)	127 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 11/6/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18243

Customer: IPC, Inc.		Project : **(MCC) Weekly INF**	
Address: 9297 Research Drive		Sampled by:	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
INF	10/30/18	1235	1	TSS	Grab	AQ	1L P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	
Geotracker EDD: Logcode: IPCI Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	Carlos Alvarez (PCL)	10/30/18	1256
Received by	MARIO CANTJESTEBAN (PCL)	10/30/18	1256
Relinquished by	MARIO SANTJESTEBAN (PCL)	10/30/18	1703
Received by			
Relinquished by			
Received in lab by	PU	10-30-18	1703

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab Comp	HC - HCl HS - H_2SO_4 HN - HNO_3 HP - H_3PO_4 OH - NaOH ST - Sodium Thiosulfate AA - Ascorbic Acid AI - $AlCl_3$ Cu - $CuSO_4$
Matrix AQ - Water SO - Soil / Sludge OT - Other	
Bottle Type P - Plastic G - Amber Glass VOA - 40 ml Vial Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM) Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public, or is the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of our reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring, incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, disease or death of persons 2. loss of, damage to, cost of, or loss of use of property and/or 3. financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any Indemnified Person, whether actual or alleged. In the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, Client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including without limitation, loss of profit or business interruption) Litigation Expenses or other fees (including, without limitation, attorney's fees, expert fees, and fees pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

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Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

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All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM LABORATORIES
QUALITY ANALYTICAL SERVICES SINCE 1987
1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

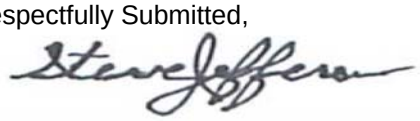
Attention: Ric Vardel
Report Date: 02-Nov-18 16:50
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18J0775-01) Collected: 31-Oct-18 By IPC						
pH	SM4500-H-B	AK80116	0.1	31-Oct-18 (JC)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AK80115	0.05	01-Nov-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AJ83144	1.8	02-Nov-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AJ83144	1.8	02-Nov-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 11/2/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18J0775

Customer: IPC, Inc.		Project: **(MCC) Daily EFF**	
Address: 9297 Research Drive		Sampled by:	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: **Field** **Lab**
EFF	10/31/18	1430	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.4
			1	BOD	Grab	AQ	1L P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

~~Geotracker EDD:~~
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (ARC)	10/31/18	
Received by		PCL	10/31/18	328
Relinquished by				
Received by				
Relinquished by				
Received in lab by		Jordan Corkery	10/31/18	16:05

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Sample Received Checklist

Temperature upon receipt: _____

# of bottles agrees with COC? **Yes** **No**

Samples intact? **Yes** **No**

Samples properly preserved? **Yes** **No**

Samples in holding time? **Yes** **No**

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu -$CuSO_4$

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule, as such document may be amended or revised from time to time by PCL.

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10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and expenses (including, but not limited to, all court fees, plus litigation expenses) and awards arising in favor of client or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. injury, disease or death of persons 2. loss of, damage to, loss of, or loss of use of property and or 3. the actual loss of money, or of character. This indemnity does not apply to any of the foregoing losses, costs, damages or injuries caused solely by the gross negligence or willful misconduct of PCL, its employees. Further, this indemnity does specifically apply to losses, claims, damages, actions or events that are the result arising out of or in connection with the negligence (but not to gross negligence or willful misconduct) of PCL, its employees, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have in PCL and the other indemnified entities. It is the extent necessary under applicable law. Client agrees that its indemnity obligations will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including without limitation, loss of profit or business interruption) Litigation Expenses or other fees including, without limitation, attorney's fees, court costs, cost (or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

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For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, barrels or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis. Client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or as otherwise quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance of work, analysis or completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount unpaid as the end of thirty (30) days is subject to interest at the lesser of the maximum rate (if any) permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are referred through legal clearinghouse or by an attorney, the client shall pay reasonable costs and attorney's fees in regard to fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only if made in writing and executed by an officer of PCL and by client (authorized representative), except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client, securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity, it is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 5pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 7-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

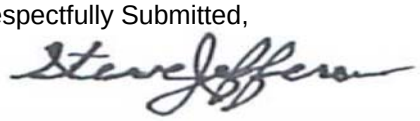
Attention: Ric Vardel
Report Date: 06-Nov-18 14:41
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18K0026-01) Collected: 01-Nov-18 By IPC						
pH	SM4500-H-B	AK80120	0.1	01-Nov-18 (JC)	6.9 pH Units	
Residual Chlorine	SM 4500 Cl-G	AK80213	0.05	02-Nov-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AK80114	1.8	03-Nov-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AK80114	1.8	03-Nov-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 11/6/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18K0026

Customer: IPC, Inc.		**Project:** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** C. [redacted]	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	11/01/18	1135	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.0
			[redacted]	[redacted]	Grab	AQ	1L P	4°C	6.91
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by	C. [redacted]	Carlos Arzon (GRC)	11/01/18	
Received by	[redacted]	[redacted]	11/1/18	1315
Relinquished by	[redacted]	[redacted]	11/1/18	1400
Received by				
Relinquished by				
Received in lab by		PC	11-1-18	14:00

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC?	Yes	No
Samples intact?	Yes	No
Samples properly preserved?	Yes	No
Samples in holding time?	Yes	No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab Comp	HC - HCl HS - H_2SO_4
Matrix AQ - Water SO - Soil / Sludge OT - Other	HN - HNO_3 HP - H_3PO_4 OH - NaOH ST - Sodium Thiosulfate
Bottle Type P - Plastic G - Amber Glass VOA - 40 ml Vial Coli - bacteria	AA - Ascorbic Acid Al - $AlCl_3$ Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its duly authorized agents and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may order services by submitting a written Chain of Custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound to these terms and conditions.

The Client's delivery of samples to PCL or industrial consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The Parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence unless such information is generally available to the public or in the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement subject to any exposure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where non-standard mail services or PCL reports and information provided therein are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports and/or information. Client will not disclose to any third party any information pertaining to any technical information, software, procedure or other knowledge.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all claims, losses, damages, liability, demands, causes of action, costs and associated expenses, including, but not limited to attorneys' fees (including expenses) and costs of whatever kind or nature (collectively, "Claims") arising in favor of Client or any third party as a result of, and/or in any way relating to, and/or arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. injury, disease or death of persons 2. loss of, damage to, loss of, or loss of use of property and/or 3. financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to, inter alia, claimed damages, actions of every kind and character arising out of or in connection with the negligence or omission of contractor or its indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, Client agrees that its indemnity obligation will be supported by available liability insurance coverage to be identified by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption, Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any Hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with terms such other later conditions in writing. The price schedule is subject to change at any time without notice. Payment in advance or on an invoice is contingent upon, but not limited to, client's credit history of payment and/or credit account that is either established with PCL. For those clients with an established credit account, the terms for payment of charges are NET 30/EOM within thirty (30) days from date of invoice. To the fullest extent permitted by law, all fees, obligations due, any amount unpaid as the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agency fees associated with such collection procedure or efforts.

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Changes, modifications or amendments to the Terms shall be effective on in writing and executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for another person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used or relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

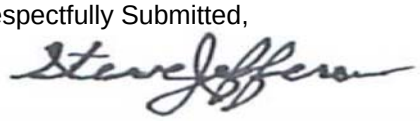
Attention: Ric Vardel
Report Date: 06-Nov-18 14:45
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18K0059-01) Collected: 02-Nov-18 By IPC						
pH	SM4500-H-B	AK80222	0.1	02-Nov-18 (JC)	7.8 pH Units	
Residual Chlorine	SM 4500 Cl-G	AK80329	0.05	03-Nov-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AK80212	1.8	06-Nov-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AK80212	1.8	06-Nov-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 11/6/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18K0059

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: C. [illegible]	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	11/02/18	1080	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.76 / 18.3°C
			[redacted]		Grab	AQ	1L P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD: Logcode: IPCI Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by	[signature]	Carlos Rivera (PCL)	11/02/18	1411
Received by	[signature]	MARIO SANJESTEBAN (PCL)	11/2/18	1411
Relinquished by	[signature]	MARIO SANJESTEBAN (PCL)	11/2/18	1754
Received by				
Relinquished by				
Received in lab by	[signature]	PCL	11-2-18	1754

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? (Yes) No

Samples intact? (Yes) No

Samples properly preserved? (Yes) No

Samples in holding time? (Yes) ~~No~~

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
(Grab)
Comp

Matrix
(AQ) Water
SO -Soil / Sludge
OT - Other

Bottle Type
(P) - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC) Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and our proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL's reports and information provided thereon are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parents harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and investigative expenses, including, but not limited to, attorneys' fees (the "Indemnified Expenses") and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, disease or death of persons 2. Loss of, damage to, loss of, or loss of use of property and or 3. Economic loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages, or liabilities arising solely out of the client's negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to certain claims, damages, attorneys' fees and other costs arising out of or in connection with the negligence or breach of contract by any indemnified person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, Client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including without limitation, loss of profit or business interruption). Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and/or pre or post-judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

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Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedures or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any securities, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 2pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times 2-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria tests hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

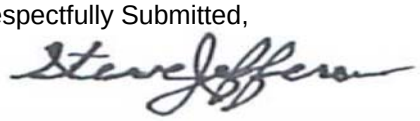
Attention: Ric Vardel
Report Date: 06-Nov-18 14:48
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18K0067-01) Collected: 03-Nov-18 By IPC						
pH	SM4500-H-B	AK80429	0.1	03-Nov-18 (JC)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AK80531	0.05	04-Nov-18 (PL)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AK80328	1.8	05-Nov-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AK80328	1.8	05-Nov-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 11/6/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18K0067

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by:	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	11/03/18	0830	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
			1	[redacted]	Grab	AQ	1L P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD: Logcode: IPCI Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	11/03/18	1047
Received by				
Relinquished by	Jose L Gomez	Jose L Gomez	11-3-18	1047
Received by				
Relinquished by				
Received in lab by		Jordan Corkery	11-3-18	1236

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Sample Received Checklist

Temperature upon receipt: _____
# of bottles agrees with COC? Yes No
Samples intact? Yes No
Samples properly preserved? Yes No
Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____
Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the prices hereto, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or restated from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined hereon) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client an[illegible] hereunder subject [illegible] out-of-pocket [illegible] allon in [illegible] le

[illegible] nformance for [illegible] daily [illegible] ng and [illegible] ion

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence unless such information is generally available to the public or is the public domain or client has filed to pay PCL for all services rendered, or is otherwise in breach of the agreement (or subject to any disclosure required by law or legal process. PCL will use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such data where such standard was observed. PCL reports and information provided thereunder are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of our reports, data or information. Client will not disclose to any third party any information concerning technical information, software processes or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and consultant expenses, including, but not limited to all court fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of toxic/hazardous materials 2. Injury, disease or death of persons 3. Loss of, damage to, loss of, or loss of use of property and or 4. Industrial lawsuit of every kind and character. This indemnity does not apply to any of the foregoing losses, costs, damages or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to, cover, compensate, defend, pay and reimburse for, arising out of or in connection with the negligence or breach of contract by client, indemnified person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption. Litigation Expenses or other fees including, without limitation, attorney's fees, court costs, and (to pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples or materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all utilized portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable pricing schedule in effect in the area of operations on the date the services were rendered or such prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when proposal is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET Eight within thirty (30) days from date of invoice. To the fullest extent permitted or at will by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client will pay reasonable costs and attorney's fees in addition to fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client in securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity, it is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on work data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (Ice/cool) (< 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noticed on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

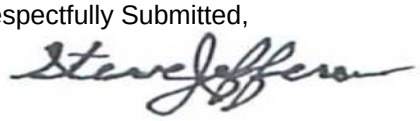
Attention: Ric Vardel
Report Date: 06-Nov-18 14:51
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18K0071-01) Collected: 04-Nov-18 By IPC						
pH	SM4500-H-B	AK80536	0.1	04-Nov-18 (SS)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AK80531	0.05	05-Nov-18 (PL)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AK80428	1.8	06-Nov-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AK80428	1.8	06-Nov-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 11/6/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18K0071

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: JULIO LEAL	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	11-04-18	08:30	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.5/20.1
~~BOD~~			1	~~BOD~~	~~Grab~~	~~AQ~~	~~1L P~~	~~4°C~~	
	/	/	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD: Logcode: IPCI Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	JULIO LEAL	11-4-18	13:25
Received by	Jordan Corkery	11-4-18	13:25
Relinqdished by			
Received by			
Relinquished by			
Received in lab by	Jordan Corkery	11-4-18	14:10

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Sample Received Checklist

Temperature upon receipt: _____

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who/which request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosures required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of confidential information unless such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of Client and Client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses to, damages, claims, demands, causes of action, costs and associated expenses including, but not limited to, attorneys fees (the obligation expanded and owed to, arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials 1. injury, disease or death of persons 2. loss of, damage to, loss of, or loss of use of property and/or 3. Economic loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the sole negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence of an breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which client may otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive special, incidental or consequential damages including without limitation, loss of profit or business interruption, litigation Expenses or other fees including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest, or any other expenses or costs incurred by client or any other party in any way claim against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, barrels or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or authorization and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted or at all by applicable law, any amount unpaid as the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agent fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only if in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is acquiring services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

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17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

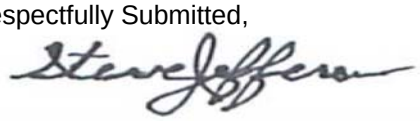
Attention: Ric Vardel
Report Date: 07-Nov-18 14:53
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18K0086-01) Collected: 05-Nov-18 By IPC						
pH	SM4500-H-B	AK80746	0.1	05-Nov-18 (JC)	8.0 pH Units	
Residual Chlorine	SM 4500 Cl-G	AK80629	0.05	06-Nov-18 (PL)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AK80541	1.8	07-Nov-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AK80541	1.8	07-Nov-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 11/7/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18K0086

Customer: IPC, Inc.		Project: **(MCC) Daily EFF**	
Address: 9297 Research Drive		Sampled by: Golan Kfir	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	11/5/18	10:05	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	8.0 / 14.0 °C
~~1~~			~~1~~	~~BOD~~	~~Grab~~	~~AQ~~	~~1L P~~	~~4°C~~	
	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

~~Geotracker EDD:~~
Logcode: IPCI
Global ID: WDR100000359

Signature	Print Name (Company)	Date	Time
Relinquished by: GK	Golan IPC	11/5/18	
Received by: Cindy		11/5/18	1:15
Relinquished by: Cindy	PCL	11/5/18	2:40
Received by:			
Relinquished by:			
Received in lab by:	PCL	11.5.18	1444

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	HC - HCl
Comp	HS - H_2SO_4
Matrix	HN - HNO_3
AQ - Water	HP - H_3PO_4
SO - Soil / Sludge	OH - NaOH
OT - Other	ST - Sodium Thiosulfate
Bottle Type	AA - Ascorbic Acid
P - Plastic	Al - $AlCl_3$
G - Amber Glass	Cu - $CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound to these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC) Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where said standard was observed. PCL reports and information provided hereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software or proprietary other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to, all court fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. injury, disease or death of persons 2. loss of damage to, loss of, or loss of use of property and or 3. financial loss of every kind of that actor. This indemnity does not apply to any of the foregoing losses, costs, damages or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and charges arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether active or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have in PCL and the other indemnified persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including without limitation, loss of profit or business interruption) Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post-judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance for work services is required (TBD as per clients) until a history of payment and/or credit account has been established with PCL. For those clients with an established client account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid accounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedures or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

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PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

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pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

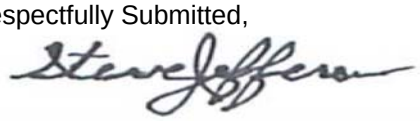
Attention: Ric Vardel
Report Date: 15-Nov-18 14:56
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18K0121-01) Collected: 06-Nov-18 By IPC						
pH	SM4500-H-B	AK80746	0.1	06-Nov-18 (JC)	7.6 pH Units	
Residual Chlorine	SM 4500 Cl-G	AK80743	0.05	07-Nov-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AK80638	1.8	08-Nov-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AK80638	1.8	08-Nov-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 11/15/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 181401211

Customer: IPC, Inc.		Project : (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Ric Vardel / Golan Kfir	P.O. #: 949-382-9067
Irvine CA 92618		Report Attention: C. Q.	Phone #:

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	11/06/18	1150	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by	C. Q.	Carlos Alvarez (CPC)	11/06/18	
Received by		PCC	11-6-18	2:25
Relinquished by			11-6-18	4:15
Received by				
Relinquished by				
Received in lab by			11/6/18	1625

Sample Received Checklist

Temperature upon receipt: 4.4°C

# of bottles agrees with COC?	Yes	No
Samples intact?	Yes	No
Samples properly preserved?	Yes	No
Samples in holding time?	Yes	No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	**HC** - HCl
Comp	**HS** - H_2SO_4
Matrix	**HN** - HNO_3
AQ - Water	**HP** - H_3PO_4
SO -Soil / Sludge	**OH** - NaOH
OT - Other	**ST** - Sodium Thiosulfate
Bottle Type	**AA** - Ascorbic Acid
P - Plastic	**Al** - $AlCl_3$
G - Amber Glass	**Cu** -$CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and may include such client's agents and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

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4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), Co-Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

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6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except in the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCE shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has fail to pay PCL for services rendered or is otherwise in breach of the agreement subject to any disputes resolved by any or legal process. PCL shall use the same standard of care in safeguarding its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports are information provided thereon are for the exclusive use and benefit of client and client agrees that it will not hold third party beneficiary of our reports, data or information. Client will not disclose to any third party any interpretation, strong technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its subsidiaries, officers, directors, agents, affiliates, employees and each of them, from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses, including, but not limited to, all court fees, (the Litigation Expenses) and awards arising in favor of Client or any third party, as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, injury, disease, illness of persons or loss of, damage to, loss of, or loss of use of property, such as a financial loss of every kind of character. This indemnity shall not serve to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive special, incidental or consequential damages including, without limitation, loss of profit or business interruption. Litigation Expenses in other fees including, without limitation, attorney's fees, expert fees, and pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls barrels or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

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Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients, or until a history of payment and/or credit approval has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agency fees associated with such collection procedure or efforts.

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Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client is securing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other remittance to the holders of any securities, the issuing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

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All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM LABORATORIES
QUALITY ANALYTICAL SERVICES SINCE 1987
1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 15-Nov-18 15:04
Subject: (MCC) Weekly EFF

Project/P.O.#: (MCC) Weekly EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18K0122-01) Collected: 06-Nov-18 By IPC						
Ammonia as N	EPA 350.1	AK80741	0.10	07-Nov-18 (SGS)	<0.10 mg/l	
Biochemical Oxygen Demand	SM 5210B	AK80740	2	12-Nov-18 (SGS)	<2 mg/l	
Nitrate as N	EPA 353.2	AK80736	0.10	07-Nov-18 (LA)	3.06 mg/l	
Nitrite as N	EPA 353.2	AK80736	0.02	07-Nov-18 (LA)	0.04 mg/l	
Total Kjeldahl Nitrogen	EPA 351.2	AK80742	0.10	13-Nov-18 (LA)	0.65 mg/l	
Total Suspended Solids	SM 2540D	AK80732	1	07-Nov-18 (EA)	<1 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 11/15/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18K0122

Customer: IPC, Inc.		Project : (MCC) Weekly EFF	
Address: 9297 Research Drive		Sampled by: Ric Vardel / Golan Kfir	P.O. #: 949-382-9067
Irvine CA 92618		Report Attention:	Phone #:

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	11/06/18	1150	1	TSS	Grab	AQ	1L P	4°C	
			1	NH4, TKN	Grab	AQ	500 P	HS	
			1	NO2, NO3	Grab	AQ	500 P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	
Geotracker EDD: Logcode: IPCI Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	11/06/18	
Received by		PCL	11-6-18	2:25
Relinquished by		PCL	11-6-18	4:15
Received by				
Relinquished by				
Received in lab by			11/6/18	1645

Sample Received Checklist

Temperature upon receipt: 7c

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or released from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing its services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public, or in the public domain or client has failed to pay PCL for all services rendered) or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of data items where such standard was observed. PCL reports and information provided thereunder are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any proprietary or trade technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent Harmless from and against any and all claims, losses or damages, claims, demands, causes of action, costs and associated expenses including, but not limited to, all court fees (the "Litigation Expenses") and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials: 1. injury, disease or death of persons 2. loss of, damage to, loss of use of property and or 3. financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to taxes, claims damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether active or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available Pollutis insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption, Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and cost pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples or materials for analytes such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (weather now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any lab bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of specimens on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or for a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount unpaid as the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 15-Nov-18 15:11
Subject: (MCC) Weekly INF

Project/P.O.#: (MCC) Weekly INF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
INF (Sample I.D.# : 18K0127-01) Collected: 06-Nov-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AK80740	2	12-Nov-18 (SGS)	891 mg/l	
Total Suspended Solids	SM 2540D	AK80732	1	07-Nov-18 (EA)	259 mg/l	

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 11/15/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18/10127

Customer: IPC, Inc.		Project: (MCC) Weekly INF	
Address: 9297 Research Drive		Sampled by: Ric Vardel / Golan Kfir	P.O. #: 949-382-9067
Irvine CA 92618		Report Attention: CL	Phone #:

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
INF	11/06/18	1205	1	TSS	Grab	AQ	1L P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	
Geotracker EDD: Logcode: IPCI Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Awan (PCC)	11/06/18	
Received by		PCC	11-6-18	2:25
Relinquished by		PCC	11-6-18	9:15
Received by				
Relinquished by				
Received in lab by			11/6/18	1615

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Sample Received Checklist

Temperature upon receipt: 4C°

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Matrix	Bottle Type
Grab	**AQ** - Water	**P** - Plastic
Comp	**SO** -Soil / Sludge	**G** - Amber Glass
	OT - Other	**VOA** - 40 ml Vial
		Coli - bacteria

Preservations

HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

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For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

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10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent companies from and against any and all claims, demands or damages, actions, lawsuits, causes of action, costs and reasonable expenses, including, but not limited to, attorneys' fees, litigation expenses, and awards arising in favor of client or any third party, as a result of, and/or in any way in writing incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or environmental, handling, or disposal of client's hazardous materials, injury, damage, or death of persons, or loss of, damage to, loss of, or loss of use of property, and/or any financial loss of many kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to all claims, demands, actions of every kind and character arising out of or in connection with the negligence or breach of contract by any indemnified person, whether active or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which one client might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) litigation expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analytes such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of operations or the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit worthiness has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoice. To the fullest extent permitted by law or applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection proceedings or efforts.

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Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is acquiring services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any securities, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 2pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
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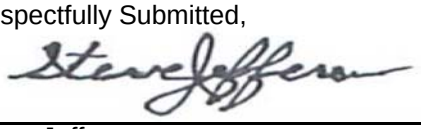
Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 07-Dec-18 16:03
Subject: (MCC) Annual EFF

Project/P.O.#: (MCC) Annual EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18K0170-01) Collected: 07-Nov-18 By IPC						
Silver	EPA 200.8	AK80804	0.2	12-Nov-18 (AF)	<0.2 ug/l	
Arsenic	EPA 200.8	AK80804	0.5	12-Nov-18 (AF)	1.8 ug/l	
Beryllium	EPA 200.8	AK80804	0.2	12-Nov-18 (AF)	<0.2 ug/l	
Cadmium	EPA 200.8	AK80804	0.2	12-Nov-18 (AF)	<0.2 ug/l	
Chromium	EPA 200.8	AK80804	0.2	12-Nov-18 (AF)	3.2 ug/l	
Copper	EPA 200.8	AK80804	0.2	12-Nov-18 (AF)	1.4 ug/l	
Mercury	EPA 245.1	AK81224	0.20	12-Nov-18 (AF)	<0.20 ug/l	
Nickel	EPA 200.8	AK80804	0.5	12-Nov-18 (AF)	4.9 ug/l	
Lead	EPA 200.8	AK80804	0.2	12-Nov-18 (AF)	<0.2 ug/l	
Antimony	EPA 200.8	AK80804	1.0	12-Nov-18 (AF)	<1.0 ug/l	
Selenium	EPA 200.8	AK80804	2.0	12-Nov-18 (AF)	2.0 ug/l	
Thallium	EPA 200.8	AK80804	1.0	12-Nov-18 (AF)	<1.0 ug/l	
Zinc	EPA 200.8	AK80804	1.0	12-Nov-18 (AF)	16 ug/l	
Aldrin	EPA 608	AJ81816	0.005	21-Nov-18 (SJ)	<0.005 ug/l	
Alpha-BHC	EPA 608	AJ81816	0.005	21-Nov-18 (SJ)	<0.005 ug/l	
Beta-BHC	EPA 608	AJ81816	0.005	21-Nov-18 (SJ)	<0.005 ug/l	
Gamma-BHC(Lindane)	EPA 608	AJ81816	0.01	21-Nov-18 (SJ)	<0.01 ug/l	
Delta-BHC	EPA 608	AJ81816	0.005	21-Nov-18 (SJ)	<0.005 ug/l	
4,4´-DDT	EPA 608	AJ81816	0.01	21-Nov-18 (SJ)	<0.01 ug/l	
4,4´-DDE	EPA 608	AJ81816	0.01	21-Nov-18 (SJ)	<0.01 ug/l	
4,4´-DDD	EPA 608	AJ81816	0.01	21-Nov-18 (SJ)	<0.01 ug/l	
Dieldrin	EPA 608	AJ81816	0.01	21-Nov-18 (SJ)	<0.01 ug/l	
Endosulfan I	EPA 608	AJ81816	0.01	21-Nov-18 (SJ)	<0.01 ug/l	
Endosulfan II	EPA 608	AJ81816	0.01	21-Nov-18 (SJ)	<0.01 ug/l	
Endosulfan Sulfate	EPA 608	AJ81816	0.01	21-Nov-18 (SJ)	<0.01 ug/l	
Endrin	EPA 608	AJ81816	0.01	21-Nov-18 (SJ)	<0.01 ug/l	
Endrin Aldehyde	EPA 608	AJ81816	0.01	21-Nov-18 (SJ)	<0.01 ug/l	
Heptachlor	EPA 608	AJ81816	0.01	21-Nov-18 (SJ)	<0.01 ug/l	
Alpha-Chlordane	EPA 608	AJ81816	0.01	21-Nov-18 (SJ)	<0.01 ug/l	

Respectfully Submitted,



Steve Jefferson 12/7/2018
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Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 07-Dec-18 16:03
Subject: (MCC) Annual EFF

Project/P.O.#: (MCC) Annual EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18K0170-01) Collected: 07-Nov-18 By IPC						
Gamma-Chlordane	EPA 608	AJ81816	0.01	21-Nov-18 (SJ)	<0.01 ug/l	
Heptachlor Epoxide	EPA 608	AJ81816	0.01	21-Nov-18 (SJ)	<0.01 ug/l	
Aroclor 1242	EPA 608	AJ81816	0.5	21-Nov-18 (SJ)	<0.5 ug/l	
Aroclor 1254	EPA 608	AJ81816	0.5	21-Nov-18 (SJ)	<0.5 ug/l	
Aroclor 1221	EPA 608	AJ81816	0.5	21-Nov-18 (SJ)	<0.5 ug/l	
Aroclor 1232	EPA 608	AJ81816	0.5	21-Nov-18 (SJ)	<0.5 ug/l	
Aroclor 1248	EPA 608	AJ81816	0.5	21-Nov-18 (SJ)	<0.5 ug/l	
Aroclor 1260	EPA 608	AJ81816	0.5	21-Nov-18 (SJ)	<0.5 ug/l	
Aroclor 1016	EPA 608	AJ81816	0.5	21-Nov-18 (SJ)	<0.5 ug/l	
Chlordane	EPA 608	AJ81816	0.1	21-Nov-18 (SJ)	<0.1 ug/l	
Toxaphene	EPA 608	AJ81816	0.5	21-Nov-18 (SJ)	<0.5 ug/l	
Endrin Ketone	EPA 608	AJ81816	0.01	21-Nov-18 (SJ)	<0.01 ug/l	
Methoxychlor	EPA 608	AJ81816	0.1	21-Nov-18 (SJ)	<0.1 ug/l	
Surrogate: Tetrachloro-m-xylene	*EPA 608*	*AJ81816*		*21-Nov-18 (SJ)*	*51.5 % (25.7-107)*	
Surrogate: Decachlorobiphenyl	*EPA 608*	*AJ81816*		*21-Nov-18 (SJ)*	*87.5 % (9.67-144)*	
Acetone	EPA 624	AK82038	5.0	20-Nov-18 (SJ)	<5.0 ug/l	
Acrolein	EPA 624	AK82038	2.0	20-Nov-18 (SJ)	<2.0 ug/l	
Acrylonitrile	EPA 624	AK82038	2.0	20-Nov-18 (SJ)	<2.0 ug/l	
Tert-amyl methyl ether	EPA 624	AK82038	1.0	20-Nov-18 (SJ)	<1.0 ug/l	
Benzene	EPA 624	AK82038	1.0	20-Nov-18 (SJ)	<1.0 ug/l	
Bromodichloromethane	EPA 624	AK82038	1.0	20-Nov-18 (SJ)	<1.0 ug/l	
Bromoform	EPA 624	AK82038	1.0	20-Nov-18 (SJ)	<1.0 ug/l	
Bromomethane	EPA 624	AK82038	2.0	20-Nov-18 (SJ)	<2.0 ug/l	
2-Butanone (MEK)	EPA 624	AK82038	5.0	20-Nov-18 (SJ)	<5.0 ug/l	
Tert-butyl alcohol	EPA 624	AK82038	1.0	20-Nov-18 (SJ)	<1.0 ug/l	
Carbon tetrachloride	EPA 624	AK82038	1.0	20-Nov-18 (SJ)	<1.0 ug/l	
Chlorobenzene	EPA 624	AK82038	1.0	20-Nov-18 (SJ)	<1.0 ug/l	
Chloroethane	EPA 624	AK82038	1.0	20-Nov-18 (SJ)	<1.0 ug/l	
2-Chloroethylvinyl ether	EPA 624	AK82038	5.0	20-Nov-18 (SJ)	<5.0 ug/l	

Respectfully Submitted,



Steve Jefferson 12/7/2018
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Project/P.O.#: (MCC) Annual EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18K0170-01) Collected: 07-Nov-18 By IPC						
Chloroform	EPA 624	AK82038	1.0	20-Nov-18 (SJ)	1.0 ug/l	
Chloromethane	EPA 624	AK82038	2.0	20-Nov-18 (SJ)	<2.0 ug/l	
Dibromochloromethane	EPA 624	AK82038	1.0	20-Nov-18 (SJ)	<1.0 ug/l	
1,2-Dibromoethane	EPA 624	AK82038	1.0	20-Nov-18 (SJ)	<1.0 ug/l	
1,2-Dichlorobenzene	EPA 624	AK82038	1.0	20-Nov-18 (SJ)	<1.0 ug/l	
1,4-Dichlorobenzene	EPA 624	AK82038	1.0	20-Nov-18 (SJ)	<1.0 ug/l	
1,3-Dichlorobenzene	EPA 624	AK82038	1.0	20-Nov-18 (SJ)	<1.0 ug/l	
1,2-Dichloroethane	EPA 624	AK82038	1.0	20-Nov-18 (SJ)	<1.0 ug/l	
1,1-Dichloroethane	EPA 624	AK82038	1.0	20-Nov-18 (SJ)	<1.0 ug/l	
1,1-Dichloroethene	EPA 624	AK82038	1.0	20-Nov-18 (SJ)	<1.0 ug/l	
1,2-Dichloropropane	EPA 624	AK82038	1.0	20-Nov-18 (SJ)	<1.0 ug/l	
trans-1,3-Dichloropropene	EPA 624	AK82038	1.0	20-Nov-18 (SJ)	<1.0 ug/l	
cis-1,3-Dichloropropene	EPA 624	AK82038	1.0	20-Nov-18 (SJ)	<1.0 ug/l	
1,2-Dichloropropylene	EPA 624	AK82038	1.0	20-Nov-18 (SJ)	<1.0 ug/l	
Di-isopropyl ether	EPA 624	AK82038	1.0	20-Nov-18 (SJ)	<1.0 ug/l	
Ethylbenzene	EPA 624	AK82038	1.0	20-Nov-18 (SJ)	<1.0 ug/l	
Ethyl tert-butyl ether	EPA 624	AK82038	1.0	20-Nov-18 (SJ)	<1.0 ug/l	
Methyl tert-butyl ether	EPA 624	AK82038	1.0	20-Nov-18 (SJ)	<1.0 ug/l	
Methylene chloride	EPA 624	AK82038	1.0	20-Nov-18 (SJ)	<1.0 ug/l	
t-1,2-Dichloroethene	EPA 624	AK82038	1.0	20-Nov-18 (SJ)	<1.0 ug/l	
1,1,2,2-Tetrachloroethane	EPA 624	AK82038	1.0	20-Nov-18 (SJ)	<1.0 ug/l	
Tetrachloroethene	EPA 624	AK82038	1.0	20-Nov-18 (SJ)	<1.0 ug/l	
Toluene	EPA 624	AK82038	1.0	20-Nov-18 (SJ)	<1.0 ug/l	
1,1,1-Trichloroethane	EPA 624	AK82038	1.0	20-Nov-18 (SJ)	<1.0 ug/l	
1,1,2-Trichloroethane	EPA 624	AK82038	1.0	20-Nov-18 (SJ)	<1.0 ug/l	
Trichloroethene	EPA 624	AK82038	1.0	20-Nov-18 (SJ)	<1.0 ug/l	
Vinyl chloride	EPA 624	AK82038	1.0	20-Nov-18 (SJ)	<1.0 ug/l	
o-Xylene	EPA 624	AK82038	1.0	20-Nov-18 (SJ)	<1.0 ug/l	
m,p-Xylene	EPA 624	AK82038	2.0	20-Nov-18 (SJ)	<2.0 ug/l	

Respectfully Submitted,



Steve Jefferson 12/7/2018
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PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18K0170-01) Collected: 07-Nov-18 By IPC						
Surrogate: Dibromofluoromethane	*EPA 624*	*AK82038*		*20-Nov-18 (SJ)*	*112 % (80-120)*	
Surrogate: Toluene-d8	*EPA 624*	*AK82038*		*20-Nov-18 (SJ)*	*102 % (80-120)*	
Surrogate: Bromofluorobenzene	*EPA 624*	*AK82038*		*20-Nov-18 (SJ)*	*98.1 % (80-120)*	
Acenaphthene	EPA 625	AK80737	2.0	09-Nov-18 (VD)	<2.0 ug/l	
Acenaphthylene	EPA 625	AK80737	2.0	09-Nov-18 (VD)	<2.0 ug/l	
Anthracene	EPA 625	AK80737	2.0	09-Nov-18 (VD)	<2.0 ug/l	
Benzidine	EPA 625	AK80737	5.0	09-Nov-18 (VD)	<5.0 ug/l	
Benzo (a) anthracene	EPA 625	AK80737	2.0	09-Nov-18 (VD)	<2.0 ug/l	
Benzo (a) pyrene	EPA 625	AK80737	2.0	09-Nov-18 (VD)	<2.0 ug/l	
Benzo (b) fluoranthene	EPA 625	AK80737	2.0	09-Nov-18 (VD)	<2.0 ug/l	
Benzo (g,h,i) perylene	EPA 625	AK80737	2.0	09-Nov-18 (VD)	<2.0 ug/l	
Benzo (k) fluoranthene	EPA 625	AK80737	2.0	09-Nov-18 (VD)	<2.0 ug/l	
Benzyl Butyl Phthalate	EPA 625	AK80737	2.0	09-Nov-18 (VD)	<2.0 ug/l	
4-Bromophenyl phenyl ether	EPA 625	AK80737	2.0	09-Nov-18 (VD)	<2.0 ug/l	
4-Chloro-3-methylphenol	EPA 625	AK80737	5.0	09-Nov-18 (VD)	<5.0 ug/l	
Bis(2-chloroethoxy)methane	EPA 625	AK80737	2.0	09-Nov-18 (VD)	<2.0 ug/l	
Bis(2-chloroisopropyl)ether	EPA 625	AK80737	2.0	09-Nov-18 (VD)	<2.0 ug/l	
2-Chloronaphthalene	EPA 625	AK80737	2.0	09-Nov-18 (VD)	<2.0 ug/l	
2-Chlorophenol	EPA 625	AK80737	5.0	09-Nov-18 (VD)	<5.0 ug/l	
4-Chlorophenyl phenyl ether	EPA 625	AK80737	2.0	09-Nov-18 (VD)	<2.0 ug/l	
Bis(2-choroethyl)ether	EPA 625	AK80737	2.0	09-Nov-18 (VD)	<2.0 ug/l	
Chrysene	EPA 625	AK80737	2.0	09-Nov-18 (VD)	<2.0 ug/l	
Dibenz (a,h) anthracene	EPA 625	AK80737	2.0	09-Nov-18 (VD)	<2.0 ug/l	
Di-n-butyl phthalate	EPA 625	AK80737	2.0	09-Nov-18 (VD)	<2.0 ug/l	
1,3-Dichlorobenzene	EPA 625	AK80737	2.0	09-Nov-18 (VD)	<2.0 ug/l	
1,2-Dichlorobenzene	EPA 625	AK80737	2.0	09-Nov-18 (VD)	<2.0 ug/l	
1,4-Dichlorobenzene	EPA 625	AK80737	2.0	09-Nov-18 (VD)	<2.0 ug/l	
3,3´-Dichlorobenzidine	EPA 625	AK80737	2.0	09-Nov-18 (VD)	<2.0 ug/l	
2,4-Dichlorophenol	EPA 625	AK80737	2.0	09-Nov-18 (VD)	<2.0 ug/l	
Diethyl phthalate	EPA 625	AK80737	2.0	09-Nov-18 (VD)	<2.0 ug/l	

Respectfully Submitted,



Steve Jefferson 12/7/2018
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Project/P.O.#: (MCC) Annual EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18K0170-01) Collected: 07-Nov-18 By IPC						
2,4-Dimethylphenol	EPA 625	AK80737	2.0	09-Nov-18 (VD)	<2.0 ug/l	
Dimethyl phthalate	EPA 625	AK80737	2.0	09-Nov-18 (VD)	<2.0 ug/l	
4,6-Dinitro-2-methylphenol	EPA 625	AK80737	5.0	09-Nov-18 (VD)	<5.0 ug/l	
2,4-Dinitrophenol	EPA 625	AK80737	5.0	09-Nov-18 (VD)	<5.0 ug/l	
2,6-Dinitrotoluene	EPA 625	AK80737	5.0	09-Nov-18 (VD)	<5.0 ug/l	
2,4-Dinitrotoluene	EPA 625	AK80737	5.0	09-Nov-18 (VD)	<5.0 ug/l	
Di-n-octyl phthalate	EPA 625	AK80737	2.0	09-Nov-18 (VD)	<2.0 ug/l	
1,2-Diphenylhydrazine	EPA 625	AK80737	2.0	09-Nov-18 (VD)	<2.0 ug/l	
Bis(2-ethylhexyl)phthalate	EPA 625	AK80737	2.0	09-Nov-18 (VD)	<2.0 ug/l	
Fluoranthene	EPA 625	AK80737	2.0	09-Nov-18 (VD)	<2.0 ug/l	
Fluorene	EPA 625	AK80737	2.0	09-Nov-18 (VD)	<2.0 ug/l	
Hexachlorobenzene	EPA 625	AK80737	2.0	09-Nov-18 (VD)	<2.0 ug/l	
Hexachlorobutadiene	EPA 625	AK80737	2.0	09-Nov-18 (VD)	<2.0 ug/l	
Hexachlorocyclopentadiene	EPA 625	AK80737	2.0	09-Nov-18 (VD)	<2.0 ug/l	
Hexachloroethane	EPA 625	AK80737	2.0	09-Nov-18 (VD)	<2.0 ug/l	
Indeno (1,2,3-cd) pyrene	EPA 625	AK80737	2.0	09-Nov-18 (VD)	<2.0 ug/l	
Isophorone	EPA 625	AK80737	2.0	09-Nov-18 (VD)	<2.0 ug/l	
Naphthalene	EPA 625	AK80737	2.0	09-Nov-18 (VD)	<2.0 ug/l	
Nitrobenzene	EPA 625	AK80737	2.0	09-Nov-18 (VD)	<2.0 ug/l	
4-Nitrophenol	EPA 625	AK80737	10.0	09-Nov-18 (VD)	<10.0 ug/l	
2-Nitrophenol	EPA 625	AK80737	2.0	09-Nov-18 (VD)	<2.0 ug/l	
N-Nitrosodimethylamine	EPA 625	AK80737	2.0	09-Nov-18 (VD)	<2.0 ug/l	
N-Nitrosodiphenylamine	EPA 625	AK80737	2.0	09-Nov-18 (VD)	<2.0 ug/l	
N-Nitrosodi-n-propylamine	EPA 625	AK80737	2.0	09-Nov-18 (VD)	<2.0 ug/l	
Pentachlorophenol	EPA 625	AK80737	10.0	09-Nov-18 (VD)	<10.0 ug/l	
Phenanthrene	EPA 625	AK80737	2.0	09-Nov-18 (VD)	<2.0 ug/l	
Phenol	EPA 625	AK80737	5.0	09-Nov-18 (VD)	<5.0 ug/l	
Pyrene	EPA 625	AK80737	2.0	09-Nov-18 (VD)	<2.0 ug/l	
1,2,4-Trichlorobenzene	EPA 625	AK80737	2.0	09-Nov-18 (VD)	<2.0 ug/l	

Respectfully Submitted,



Steve Jefferson 12/7/2018
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Project/P.O.#: (MCC) Annual EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18K0170-01) Collected: 07-Nov-18 By IPC						
2,4,6-Trichlorophenol	EPA 625	AK80737	5.0	09-Nov-18 (VD)	<5.0 ug/l	
Surrogate: 2-Fluorophenol	*EPA 625*	*AK80737*		*09-Nov-18 (VD)*	*38.7 % (13.6-74)*	
Surrogate: Phenol-d6	*EPA 625*	*AK80737*		*09-Nov-18 (VD)*	*22.5 % (7.81-55)*	
Surrogate: 2-Chlorophenol-d4	*EPA 625*	*AK80737*		*09-Nov-18 (VD)*	*58.2 % (18-111)*	
Surrogate: 1,2-Dichlorobenzene-d4	*EPA 625*	*AK80737*		*09-Nov-18 (VD)*	*70.1 % (30-106)*	
Surrogate: Nitrobenzene-d5	*EPA 625*	*AK80737*		*09-Nov-18 (VD)*	*109 % (35.1-126)*	
Surrogate: 2-Fluorobiphenyl	*EPA 625*	*AK80737*		*09-Nov-18 (VD)*	*93.5 % (34-124)*	
Surrogate: 2,4,6-Tribromophenol	*EPA 625*	*AK80737*		*09-Nov-18 (VD)*	*96.3 % (19-155)*	
Surrogate: p-Terphenyl-d14	*EPA 625*	*AK80737*		*09-Nov-18 (VD)*	*90.7 % (33-149)*	
Cyanide (total)	SM 4500-CN-E	AK80810	0.005	12-Nov-18 (LA)	0.007 mg/l	
Caffeine	EPA 8321B	AK80818	5.0	07-Dec-18 (SJ)	<5.0 ug/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 12/7/2018
Laboratory Director

November 28, 2018

Pat-Chem Laboratories
1824 1st St
San Fernando, CA 91340

Lab ID : SP 1814852
Customer : 2-12670

Laboratory Report

Introduction: This report package contains total of 3 pages divided into 3 sections:

Case Narrative	(1 pages)	: An overview of the work performed at FGL.
Sample Results	(1 page)	: Results for each sample submitted.
Quality Control	(1 page)	: Supporting Quality Control (QC) results.

Case Narrative

This Case Narrative pertains to the following samples:

Sample Description	Date Sampled	Date Received	FGL Lab ID #	Matrix
18K0170-01	11/07/2018	11/08/2018	SP 1814852-001	W

Sampling and Receipt Information: All samples were received in acceptable condition and within temperature requirements, unless noted on the Condition Upon Receipt (CUR) form. All samples arrived at 4 °C. All samples were prepared and analyzed within the method specified hold time. All samples were checked for pH if acid or base preservation is required (except for VOAs). For details of sample receipt information, please see the attached Chain of Custody and Condition Upon Receipt Form.

Quality Control: All samples were prepared and analyzed according to the following tables:

Inorganic - Wet Chemistry QC

218.6	11/09/2018:216523 All analysis quality controls are within established criteria
	11/09/2018:213400 All preparation quality controls are within established criteria

Certification:: I certify that this data package is in compliance with ELAP standards, both technically and for completeness, except for any conditions listed above. Release of the data contained in this data package is authorized by the Laboratory Director or his designee, as verified by the following electronic signature.

KD:DMB

Reviewed and Approved By **Kelly A. Dunnahoo, B.S.** Digitally signed by Kelly A. Dunnahoo, B.S. Title: Laboratory Director Date: 2018-11-28

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November 28, 2018

Pat-Chem Laboratories
1824 1st St
San Fernando, CA 91340

Description : 18K0170-01
Project : 18K0170-01

Lab ID : SP 1814852-001
Customer ID : 2-12670

Sampled On : November 7, 2018-11:30
Sampled By : Customer
Received On : November 8, 2018-11:29
Matrix : Water

Sample Result - Inorganic

Constituent	Result	PQL	Units	Note	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
Wet Chemistry								
Chromium VI	3.3	0.5*	ug/L		218.6	11/09/18:213400	218.6	11/09/18:216523

ND=Non-Detected. PQL=Practical Quantitation Limit. * PQL adjusted for dilution.

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November 28, 2018 Lab ID : SP 1814852
Pat-Chem Laboratories Customer : 2-12670

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem								
Chromium VI	218.6	11/09/18:213400JDD	Blank	ug/L		ND	<0.1	
			LCS	ug/L	2.000	99.0 %	90-110	
			MS	ug/L	2.000	95.7 %	75-125	
		(STK1855996-001)	MSD	ug/L	2.000	96.1 %	75-125	
			MSRPD	ug/L	2.000	0.4%	≤20	
			MS	ug/L	2.000	74.9 %	75-125	
		(STK1855996-002)	MSD	ug/L	2.000	79.3 %	75-125	
			MSRPD	ug/L	2.000	0.4%	≤20	
	218.6	11/09/18:216523JDD	CCB	ppb		0.079	0.1	
			CCV	ppb	5.000	99.6 %	95-105	
			CCB	ppb		0.038	0.1	
			CCV	ppb	5.000	96.5 %	95-105	

Definition

CCV	: Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
CCB	: Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
Blank	: Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
LCS	: Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.
MS	: Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
MSD	: Matrix Spike Duplicate of MS/MSD pair - A random sample duplicate is spiked with a known amount of analyted. The recoveries are an indication of how that sample matrix affects analyte recovery.
MSRPD	: MS/MSD Relative Percent Difference (RPD) - The MS relative percent difference is an indication of precision for the preparation and analysis.
ND	: Non-detect - Result was below the DQO listed for the analyte.
DQO	: Data Quality Objective - This is the criteria against which the quality control data is compared.

Corporate Offices & Laboratory
853 Corporation Street
Santa Paula, CA 93060
TEL: (805)392-2000
Env FAX: (805)525-4172 / Ag FAX: (805)392-2063
CA ELAP Certification No. 1573

Office & Laboratory
2500 Stagecoach Road
Stockton, CA 95215
TEL: (209)942-0182
FAX: (209)942-0423
CA ELAP Certification No. 1563

Office & Laboratory
563 E. Lindo Avenue
Chico, CA 95926
TEL: (530)343-5818
FAX: (530)343-3807
CA ELAP Certification No. 2670

Office & Laboratory
3442 Empresa Drive, Suite D
San Luis Obispo, CA 93401
TEL: (805)783-2940
FAX: (805)783-2912
CA ELAP Certification No. 2775

Office & Laboratory
9415 W. Goshen Avenue
Visalia, CA 93291
TEL: (559)734-9473
FAX: (559)734-8435
CA ELAP Certification No. 2810

LA Testing
520 Mission Street South Pasadena, CA 91030
Phone/Fax: (323) 254-9960 / (323) 254-9982
http://www.LATesting.com / pasadenalab@latesting.com

LA Testing Order ID: 321826032
Customer ID: PTCM42
Customer PO:
Project ID:

Attn: Steve Jefferson
Pat Chem Laboratories
1824 1st St
San Fernando, CA 91340

Phone: (805) 532-0012
Fax:
Collected: 11/07/2018
Received: 11/09/2018
Analyzed: 11/23/2018

Proj:

Test Report: Determination of Asbestos Structures >10µm in Drinking Water Performed by the 100.2 Method (EPA 600/R-94/134)

Sample ID Client / EMSL	Sample Filtration Date/Time	Original Sample Vol. Filtered (ml)	Effective Filter Area (mm²)	Area Analyzed (mm²)	ASBESTOS Asbestos Types	Fibers Detected	Analytical Sensitivity	Concentration	Confidence Limits
							MFL (million fibers per liter)		
18K0170-01 321826032-0001	11/9/2018 04:20 PM	100	1288	0.0640	None Detected	ND	0.20	<0.20	0.00 - 0.74

Sample ozonated prior to analysis due to lab receipt time exceeding 48hr method hold time.

Analyst(s)
Kyeong Corbin (1)

Jerry Drapala Ph.D, Laboratory Manager
or Other Approved Signatory

Any questions please contact Jerry Drapala.

Initial report from: 11/23/2018 10:26:04

Sample collection and containers provided by the client, acceptable bottle blank level is defined as ≤0.01MFL>10um. ND=None Detected. This report relates only to those items tested. This report may not be reproduced, except in full, without written permission by LA Testing. Samples received in good condition unless otherwise noted.

Samples analyzed by LA Testing South Pasadena, CA CA ELAP 2283

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18k0170

Customer: IPC, Inc.		Project : **(MCC) Annual EFF**	
Address: 9297 Research Drive		Sampled by: C.	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	11/07/18	1130	1	Priority Metals	Grab	AQ	1L P	HN	
			1	Hex Cr	Grab	AQ	250 P	4°C	
			2	624 Priority	Grab	AQ	VOA	4°C	
			2	625 Priority, 608 Priority	Grab	AQ	1L G	4°C	
			1	CN	Grab	AQ	250 P	OH, AA	
			1	Asbestos	Grab	AQ	1L G	4°C	
			6	17-Estradiol, Caffeine, NDMA,Triciosan, DEET, Sucralose	Grab	AQ	1L G	4°C	

Signature	Print Name (Company)	Date	Time
Relinquished by	Carlos Alvarez (PCE)	11/07/18	
Received by	PCE	11/7/18	12:06
Relinquished by	PCE	11/7/18	2:15
Received by			
Relinquished by			
Received in lab by	PCE	11-7-18	1415

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab Comp	HC - HCl HS - H_2SO_4 HN - HNO_3 HP - H_3PO_4 OH - NaOH ST - Sodium Thiosulfate AA - Ascorbic Acid AI - $AlCl_3$ Cu - $CuSO_4$
Matrix AQ - Water SO - Soil / Sludge OT - Other	
Bottle Type P - Plastic G - Amber Glass VOA - 40 ml Vial Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who has requested laboratory services, commodities, sampling services and/or products, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or removed from time to time by PCL.

2. Independent Contractor

PCL will solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (or deliverables hereunder) under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and PCL an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or location of collection services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions proposed by a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. When applicable, PCL will use accepted methodologies which are in substance" equivalent with the U.S. Environmental Protection Agency (EPA), SW Waterbored (SWAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedure (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or subcontractors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that this Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials received by client or at client's request and the results attained by PCL shall be held in confidence unless such information is generally available to the public or is the public domain or client has given to you PCL for all the said confidential information is a result of the agreement subject to any disclosure required by law or by court. PCL shall use the same standard of care it uses in protecting its own confidential data and that shall be responsible for unauthorized disclosure of such data. When such confidential information has been disclosed pursuant to this section, PCL shall notify client prior to such disclosure. Reports and data shall be for the sole benefit of client and PCL. Agreements shall be for third party benefit(s) of such reports, data or information. Clients will not disclose to any third party any information arising pertaining to the method, software programs or other items used by PCL.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, costs and reasonable expenses (including, but not limited to, attorney's fees and litigation expenses) and penalties arising in favor of Client, many third party, as a result of, and/or in any way arising incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or interpretation, handling, or disposal of client's hazardous materials. Client agrees to indemnify PCL for any and all costs of defending against any of the foregoing losses, costs, damages, or similar claims made to the extent they arise in whole or in part as a result of Client's actions. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any intermediate broker, whether acting at or alleged in the performance of services under this agreement. The foregoing indemnity will be in addition to any liability which the client might otherwise have to PCL and the other indemnified persons. During period necessary under applicable law, client agrees that it will maintain general liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption. Litigation expenses and other fees (including, without limitation, attorney's fees, court costs, and fair pre-and judgment interest) or any other expenses in such instances client or any other party claims litigation against or involving PCL or any indemnified person in connection with this agreement or on services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, barbecs or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation thereof (any thereof the "Hazardous Materials"). Client understands and agrees that any Hazardous material released by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's [illegible] In addition, all samples received by PCL for analytical bacterial analysis client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect during each of operations or the date the services were rendered or such prices agreed upon between in writing. The price schedule is subject to change at any time without notice. Payment is due in full when client is connected to responsible at the client's or client's history of payment and if credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET [illegible] thirty (30) days from date of invoice. To the fullest extent permitted by law, all the applicable law, any amount unpaid on the end of thirty (30) days from date of invoice shall bear interest at the rate of one and one half percent (1.5%) per month on the unpaid balance. If unpaid amounts are referred through legal proceedings or to an attorney for collection, reasonable costs and attorney's fees incurred with such collection proceedings or efforts.

13. Agreement Modification

Changes, or modifications or amendments to the terms shall be effective only if in writing and executed by an officer of PCL and by client, as through its representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use or reliance on data, information or reports furnished by PCL hereunder in providing services hereunder for the said account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third parties may rely on said data, information or reports. Client represents, warrants, and agrees that all said data, information and reports are not provided, or shall be used, to induce sale, underwriting, or extension of any insurance, any periodic or other recurring or the renewal of any security, the pricing, assessment, renewal, or extension of any loan from any financial institution or other lender or the solicitation or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less samples must arrive within 72 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-3 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short holding times of 24 hours or less (24 hours or less) must be delivered on the same day in order to guarantee holding times are met. After hours, late deliveries, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after invoice has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been listed on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

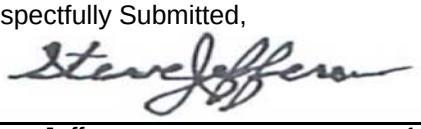
Attention: Ric Vardel
Report Date: 15-Nov-18 14:59
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18K0166-01) Collected: 07-Nov-18 By IPC						
pH	SM4500-H-B	AK80817	0.1	07-Nov-18 (JC)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AK80752	0.05	07-Nov-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AK80744	1.8	09-Nov-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AK80744	1.8	09-Nov-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 11/15/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18k0166

Customer: IPC, Inc.		Project : **(MCC) Daily EFF**	
Address: 9297 Research Drive		Sampled by: Ric Vardel / Golan Kfir	P.O. #: 949-382-9067
Irvine CA 92618		Report Attention: C.	Phone #:

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	11/07/18	1130	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.4
1	1	1	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (PCC)	11/07/18	
Received by		PCC	11/8/18	12:06
Relinquished by		PCC	11/7/18	2:18
Received by				
Relinquished by				
Received in lab by		PCL	11-7-18	1418

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Matrix	Bottle Type
Grab	AQ - Water	P - Plastic
Comp	SO -Soil / Sludge	G - Amber Glass
	OT - Other	VOA - 40 ml Vial
		Coli - bacteria

Preservations

HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public, or is the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for misalignment (inclusive of said data where such standard was observed). PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software or systems or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. Injury, disease or death of persons 2. Loss of, damage to, loss of, or loss of use of property and/or 3. Financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other Indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive special, incidental or consequential damages including, without limitation, loss of profit or business interruption Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post-judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection proceedings or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing, and executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

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18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

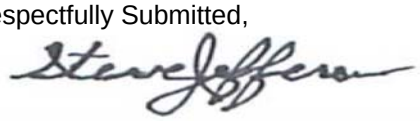
Attention: Ric Vardel
Report Date: 15-Nov-18 15:01
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18K0200-01) Collected: 08-Nov-18 By IPC						
pH	SM4500-H-B	AK81031	0.1	08-Nov-18 (JC)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AK80904	0.05	09-Nov-18 (PL)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AK80816	1.8	10-Nov-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AK80816	1.8	10-Nov-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 11/15/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18K0200

Customer: IPC, Inc.		Project : (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Ric Vardel / Golan Kfir	P.O. #: 949-382-9067
Irvine CA 92618		Report Attention: C. Cano.	Phone #:

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	11/08/18	1000	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD: Logcode: IPCI Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by	C. Cano.	Carlos Alvarez Cepe		
Received by	Eb Evans	PCL	11/8/18	1240
Relinquished by	Eb Evans	PCL	11/8/18	1340
Received by				
Relinquished by				
Received in lab by	PCL	PCL	11-8-18	1340

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Matrix	Bottle Type
Grab	AQ - Water	P - Plastic
Comp	SO -Soil / Sludge	G - Amber Glass
	OT - Other	VOA - 40 ml Vial
		Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing its services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.
The client may order services by submitting a written order of materials (OTC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound to these terms and conditions.
The Client's delivery of samples to PCL or substantively consulting services constitutes the client's clear intent to be governed by these terms and conditions. No additional or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.
For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Wallerboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data on file the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public, divulged or client has filed to pay PCL for all services rendered or as otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of confidential where such standard was observed. PCL reports and information provided thereunder are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any communication concerning technical information, software and/or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, successors and parents harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses, including, but not limited to, all court fees and litigation expenses and awards, arising in favor of Client or any third party as a result of, and/or in any way occurring, incident to, arising out of, or in connection with the performance of services by PCL pursuant to this Agreement and/or transportation, handling, or disposal of client's material(s) hereunder. 1. injury, disease or death of persons; 2. loss of, damage to, theft of, or loss of use of property; and/or 3. financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages or expenses caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, attorneys' fees and costs and penalties arising and/or in connection with the negligence or breach of contract by any indemnified person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption, litigation expenses or other fees (including, without limitation, attorney's fees, court costs, and/or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or upon analysis is required for all new clients or clients with a history of payment and/or credit account has not been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by or all or applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client will pay reasonable costs and attorney's fees for events from associated with such collection proceedings or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client or authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to rely upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of the securities, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

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PAT-CHEM
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Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
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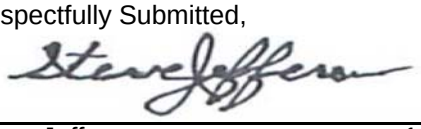
Attention: Ric Vardel
Report Date: 29-Nov-18 14:09
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18K0412-01) Collected: 20-Nov-18 By IPC						
pH	SM4500-H-B	AK82142	0.1	20-Nov-18 (JC)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AK82144	0.05	21-Nov-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AK82033	1.8	22-Nov-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AK82033	1.8	22-Nov-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 11/29/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18120412

Customer: IPC, Inc.		**Project:** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** C. [redacted]	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	11/20/18	1230	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
			[redacted]	[redacted]	Grab	AQ	1L P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by	[redacted]	Carlos Alvarez (GSE)	11/20/18	
Received by	VGG	Gus pm	11/20/18	1230
Relinquished by	EG	Evan pm	11/20/18	1500
Received by				
Relinquished by				
Received in lab by		PIL	11.20.18	1500

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

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The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

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9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL may use the same standard of care it uses in protecting its own confidential data and shall not be responsible for any inadvertent disclosure of such data where such standard was observed. PCL's reports and information provided hereto are for the exclusive use and benefit of client and client agrees that shall not to third party based any of our reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses, including, but not limited to, all court fees (including other Expenses) and accruals arising in favor of Client or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this Agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, disease or death of persons 2. Loss of, damage to, loss of, misuse of use of property and/or 3. Environmental of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of any misconduct with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for interest, punitive, special, incidental or consequential damages including without limitation, loss of profit or business interruption, litigation Expenses or other fees (including without limitation attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or any services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples or materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any lab bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

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PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any pending or other reporting to the holders of any securities, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any sampling being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less' samples must arrive within 36 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times (<7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short holding times of 48 hours or less (bacteria is 8 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or sample issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

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All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be accessed an additional fee.

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9297 Research Drive
Irvine CA, 92618

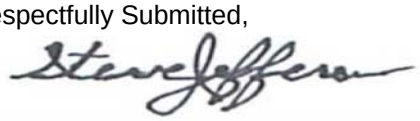
Attention: Ric Vardel
Report Date: 29-Nov-18 14:13
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18K0454-01) Collected: 21-Nov-18 By IPC						
pH	SM4500-H-B	AK82203	0.1	21-Nov-18 (JC)	7.0 pH Units	
Residual Chlorine	SM 4500 Cl-G	AK82205	0.05	22-Nov-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AK82139	1.8	23-Nov-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AK82139	1.8	23-Nov-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 11/29/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18K0454

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: C. [illegible]	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: (Field) Lab
EFF	11/21/18	1245	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.0 / 18.3°C
			1	[redacted]	Grab	AQ	1L P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by	C. [illegible]	Carlos Alvarez (PCL)	11/21/18	1258
Received by	[illegible]	MARIO SANTIESTEBAN (PCL)	11/21/18	1258
Relinquished by	[illegible]	MARIO SANTIESTEBAN (PCL)	11/21/18	1600
Received by				
Relinquished by				
Received in lab by	[illegible]	PCL	11-21-18	16:00

Sample Received Checklist

Temperature upon receipt: 7

# of bottles agrees with COC?	Yes	No
Samples intact?	Yes	No
Samples properly preserved?	Yes	No
Samples in holding time?	Yes	No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Matrix	Bottle Type
Grab	AQ - Water	P - Plastic
Comp	SO - Soil / Sludge	G - Amber Glass
	OT - Other	VOA - 40 ml Vial
		Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (EAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has failed to pay PCL for all services rendered) or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereon are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, costs and associated expenses including, but not limited to, all court fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or sample collection, handling, or disposal of client's hazardous materials. 1. Injury, illness or death of persons 2. Loss of, damage to, loss of, or loss of use of property and or 3. Financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence or on breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive special, incidental or consequential damages including without limitation, loss of profit or business interruption, litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenils, battery or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by or as by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal action, including by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 29-Nov-18 14:38
Subject: (MCC) Weekly EFF

Project/P.O.#: (MCC) Weekly EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18K0455-01) Collected: 21-Nov-18 By IPC						
Ammonia as N	EPA 350.1	AK82627	0.10	26-Nov-18 (SGS)	0.46 mg/l	
Biochemical Oxygen Demand	SM 5210B	AK82143	2	26-Nov-18 (EA)	<2 mg/l	
Nitrate as N	EPA 353.2	AK82135	0.10	21-Nov-18 (LA)	5.62 mg/l	
Nitrite as N	EPA 353.2	AK82135	0.02	21-Nov-18 (LA)	0.08 mg/l	
Total Kjeldahl Nitrogen	EPA 351.2	AK82635	0.10	27-Nov-18 (LA)	0.90 mg/l	
Total Suspended Solids	SM 2540D	AK82631	1	26-Nov-18 (EA)	<1 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 11/29/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18K0855

Customer: IPC, Inc.		Project : (MCC) Weekly EFF	
Address: 9297 Research Drive		Sampled by: Ric Vardel / Golan Kfir	P.O. #: 949-382-9067
Irvine CA 92618		Report Attention:	Phone #:

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	11/21/18	1245	1	TSS	Grab	AQ	1L P	4°C	
			1	NH4, TKN	Grab	AQ	500 P	HS	
			1	NO2, NO3	Grab	AQ	500 P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	Carlos Alvarez (CPL)	11/21/18	1258
Received by	MARIO SANTIESTEBAN (PCL)	11/21/18	1258
Relinquished by	MARIO SANTIESTEBAN (PCL)	11/21/18	~~1258~~ 1600
Received by			
Relinquished by			
Received in lab by		11/21/18	1600

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	HC - HCl
~~Comp~~	HS - H_2SO_4
Matrix	HN - HNO_3
AQ - Water	HP - H_3PO_4
SO -Soil / Sludge	OH - NaOH
OT - Other	ST - Sodium Thiosulfate
Bottle Type	AA - Ascorbic Acid
P - Plastic	Al - $AlCl_3$
G - Amber Glass	Cu -$CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

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The Client may order services by submitting a written Chain of Custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it employs in protecting its own confidential data and that it is not responsible for unauthorized disclosure of client data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and do not confer third party beneficiary rights on any reports, data or information. Client will not disclose to any third party any information concerning test results, methods, software programs or other information.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses, claims, suits, demands, causes of action, costs and associated expenses including, but not limited to, all court fees (the Litigation Expenses) and costs arising in favor of Client or any third party, as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or subsequent work, handling or disposal of client's hazardous materials. Client shall indemnify PCL for all losses, including but not limited to, loss of use of property, loss of data, loss of revenue, loss of profits of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further and Indemnity shall specifically apply to claims, direct damages, actions of every kind and character, arising out of or in connection with the negligence or tort, breach of contract by any Indemnified Person, whether active or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other Indemnified Persons. To the extent necessary under applicable law, Client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by Client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption, (litigation Expenses or other fees including, without limitation, attorney's fees, court costs, and /or pre or post-judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulation (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any lab bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable prices in effect at the time of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or upon invoice is required for all new clients or with a history of payment and/or credit account problems with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoice. To the fullest extent permitted (if at all by applicable law, any amount unpaid on the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

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PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any securities, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (excepting 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM
LABORATORIES
QUALITY ANALYTICAL SERVICES SINCE 1987
1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

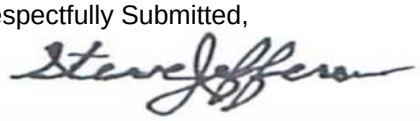
Attention: Ric Vardel
Report Date: 29-Nov-18 14:40
Subject: (MCC) Weekly INF

Project/P.O.#: (MCC) Weekly INF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
INF (Sample I.D.# : 18K0456-01) Collected: 21-Nov-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AK82143	2	26-Nov-18 (EA)	433 mg/l	
Total Suspended Solids	SM 2540D	AK82631	1	26-Nov-18 (EA)	287 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 11/29/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18RC 456

Customer: IPC, Inc.		Project : **(MCC) Weekly INF**	
Address: 9297 Research Drive		Sampled by:	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: **Field** **Lab**
INF	11/21/18	1235	1	TSS	Grab	AQ	1L P	4°C	
	1	1	1	BOD	Grab	AQ	1L P	4°C	
Geotracker EDD: Logcode: IPCI Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	Carlos Alvarez (GRE)	11/21/18	1250
Received by	MARIO SANTIESTEBAN (PCL)	11/21/18	1258
Relinquished by	MARIO SANTIESTEBAN (PCL)	11/21/18	1600
Received by			
Relinquished by			
Received in lab by	PCL	11.21.18	16:00

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? **Yes** No

Samples intact? **Yes** No

Samples properly preserved? **Yes** No

Samples in holding time? **Yes** No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or industrial consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM) Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public, or in the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereon are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software, processes or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to, all court fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling, or disposal of client's hazardous materials. 1. injury, disease or death of persons 2. loss of, damage to, loss of use of, or loss of use of property and/or 3. financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, suits, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other Indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive special, incidental or consequential damages including, without limitation, loss of profit or business interruption Litigation Expenses or other fees including, without limitation, attorney's fees, court costs, and/or pre or post judgment interest), or any other expenses or costs incurred by client, or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by all by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law of one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees in essential fees associated with such collection procedures or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only if in writing and executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 8pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less' samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria 6-8 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

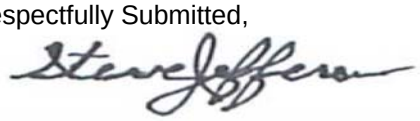
Attention: Ric Vardel
Report Date: 29-Nov-18 14:19
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18K0466-01) Collected: 22-Nov-18 By IPC						
pH	SM4500-H-B	AK82305	0.1	22-Nov-18 (JC)	7.6 pH Units	
Residual Chlorine	SM 4500 Cl-G	AK82306	0.05	23-Nov-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AK82204	1.8	24-Nov-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AK82204	1.8	24-Nov-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 11/29/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18K0465-01

Customer: Point Dume Treatment Plant		Project: Daily	
Address: 29500 Heather Cliff Road		Sampled by: Evan	P.O. #:
Malibu CA 90265		Report Attention: Patrick Dolan	Phone #: (310) 457-1481

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field (Lab)
Wastewater Final Effluent	4/22/18	1030	1	Total Coliform	Grab	AQ	Coli	ST	7.39
Wastewater Final Effluent			1	pH	Grab	AQ	250 P	4°C	

Signature	Print Name (Company)	Date	Time
Relinquished by			
Received by	[illegible]	11/22/18	1030
Relinquished by			
Received by			
Relinquished by			
Received in lab by	PIC	11-22-18	1030

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

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The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

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10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, actions or causes of action, costs and reasonable expenses (including, but not limited to reasonable attorneys' fees, litigation expenses and investigation) in favor of Client or any third party as a result of, and/or in any way occurring, incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. Liability, damages or losses pursuant to, consequential damages, loss of use of property and/or loss of use of equipment, business interruption, lost profits or revenues, costs, damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which client may have under insurance or at law or the other indemnified persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption, litigation expenses or other fees including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest, or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

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15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 7-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria lab hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

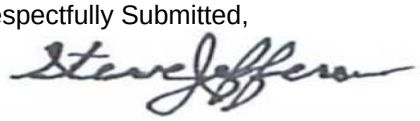
Attention: Ric Vardel
Report Date: 29-Nov-18 14:22
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18K0473-01) Collected: 23-Nov-18 By IPC						
pH	SM4500-H-B	AK82416	0.1	23-Nov-18 (JC)	7.6 pH Units	
Residual Chlorine	SM 4500 Cl-G	AK82417	0.05	24-Nov-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AK82304	1.8	25-Nov-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AK82304	1.8	25-Nov-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 11/29/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18K0473

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	11/23/18	1125	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
			[redacted]	[redacted]	Grab	AQ	1L P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (SRC)	11/23/18	1200
Received by	EL	Ewald PCL	11/23/18	1200
Relinquished by				
Received by				
Relinquished by				
Received in lab by		Alexander JR	11/23/18	1357

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

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PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined hereof) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written client purchase order (CPO) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of this contract created upon acceptance of the terms and conditions.

For purpose of this Agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or in the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such data where such standard was observed. PCL reports and information provided hereunder are for the exclusive use and benefit of Client and Client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any interpretation concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and current harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, costs and associated expenses, including, but not limited to, attorneys fees, litigation expenses and awards arising in favor of Client or any third party as a result of, relating in any way to arising, incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials: 1. injury, disease or death of persons; 2. loss of, damage to, loss of use of or loss of use of property and/or 3. fines, penalties of every kind or character. This indemnity does not extend to any of the foregoing losses, costs, damages, or injuries caused solely by the active negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to claims, damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, Client agrees that its indemnity obligations will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and/or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or work prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or clients without history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount unpaid as the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees. In addition, fees associated with such collection procedures or others.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client or authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is retaining services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 08-Jan-19 14:24
Subject: (MCC) Monthly EFF

Project/P.O.#: (MCC) Monthly EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EQT (Sample I.D.# : 18K0474-01) Collected: 23-Nov-18 By IPC						
Boron	EPA 200.7	AL81926	0.10	19-Dec-18 (AF)	0.46 mg/l	
MBAS	SM 5540C	AL81407	0.20	14-Dec-18 (PL)	0.34 mg/l	O-04
Oil & Grease (HEM)	EPA 1664A	AK82625	5	26-Nov-18 (WW)	<5 mg/l	
Phosphorus, Total as P	EPA 365.1	AL81735	0.03	17-Dec-18 (LA)	1.81 mg/l	
Total Dissolved Solids	SM 2540C	AL81737	5	19-Dec-18 (EA)	752 mg/l	O-04
Chloride	EPA 300.0	AL81729	1.0	17-Dec-18 (AV)	169 mg/l	
Sulfate as SO4	EPA 300.0	AL81729	0.5	17-Dec-18 (AV)	111 mg/l	

Notes and Definitions

O-04 This sample was analyzed outside the EPA recommended holding time.

Respectfully Submitted,



Steve Jefferson 1/8/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18K0474

Customer: IPC, Inc.		Project: (MCD) Monthly Process	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EQT	11/23/18	1125	1	TSS	Grab	AQ	1L P	4°C	
			1	Oil&Grease	Grab	AQ	1L G	HC	
			1	TKN	Grab	AQ	500 P	HS	
			1	COD	Grab	AQ	250 P	Sulfuric	

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez	11/23/17	1200
Received by	EG Evalo	pcl	11/23/18	1200
Relinquished by				
Received by				
Relinquished by				
Received in lab by		Alex Walker Jr	11/23/18	1402

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Sample Received Checklist

Temperature upon receipt: 4°

# of bottles agrees with COC? (Yes) No

Samples intact? (Yes) No

Samples properly preserved? (Yes) No

Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type: (Grab) Comp

Matrix: (AQ - Water) SO - Soil / Sludge, OT - Other

Bottle Type: P - Plastic, G - Amber Glass, VOA - 40 ml Vial, Coli - bacteria

Preservations: (HC - HCl) (HS - H_2SO_4) HN - HNO_3, HP - H_3PO_4, OH - NaOH, ST - Sodium Thiosulfate, AA - Ascorbic Acid, AI - $AlCl_3$, Cu - $CuSO_4$

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined hereby) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the Client under the Terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC) Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

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9. Confidentiality

Data and the various materials furnished by client or to client's consent and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereunder are for the exclusive use and benefit of client and using agreement shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other manipulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses in damages, claims, demands, causes of action, costs and associated expenses, including, but not limited to attorneys' fees (the litigation expenses) and expert witness fees of Client, its employees, third parties as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement without limitation, handling or disposal of client's hazardous materials, 1. injury, disease or death of persons 2. loss of, damage to, loss of, or loss of use of property and or 3. financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages or expenses proximately caused by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence or breach of contract by any indemnified person, whether active or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption (expenses or other fees including, without limitation, attorney's fees, court costs, and for pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or on services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified at such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any Hazardous material received by PCL from client or at client's property shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for its disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, as set forth in the QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's authorized price schedule in effect at the time of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance unless credit is completed is required for all new clients or prior a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by all by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees to agents that associated with such collection plus equitable effects.

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Changes, modifications or amendments to the terms shall be effective only if in writing and executed by an officer of PCL and by one an authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is retaining services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any securities, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 5pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (Subject to 8 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be disposed of at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

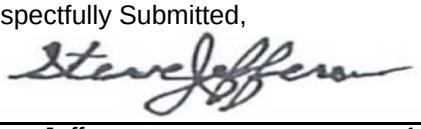
Attention: Ric Vardel
Report Date: 29-Nov-18 14:25
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18K0477-01) Collected: 24-Nov-18 By IPC						
pH	SM4500-H-B	AK82523	0.1	24-Nov-18 (JC)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AK82524	0.05	25-Nov-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AK82419	1.8	26-Nov-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AK82419	1.8	26-Nov-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 11/29/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18K0477

Customer: IPC, Inc.		**Project:** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** Golan Kfir	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	11/24/18	10:00	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
			~~1~~	~~BOD~~	~~Grab~~	~~AQ~~	~~1L P~~	~~4°C~~	
	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD: Logcode: IPCI Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by GK	Golan IPC	11/24/18	1050
Received by			
Relinquished by Jose L Gomez	Jose Gomez	11-24-18	1056
Received by			
Relinquished by			
Received in lab by	Alex Walker JR	11/24/18	1241

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. **Definitions**

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request information, services, consulting or sampling services and which complies with PCL's credit and requirements. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

2. **Independent Contractor**

PCL is to act as an independent contractor in performing its services.

3. **Orders and Acceptance**

All orders and written requests for services or materials (orders) PCL accepts are subject to these Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate these Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The client may order services by submitting a written order of facsimile (FAX) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No particular or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. **Limit of Liability**

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodology to which there is substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) or the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature of compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the reasonable standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary or any client purchase orders or contracts.

5. **Clients Responsibility**

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. **Cancellation**

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. **Overriding Agreement**

The parties agree that the Terms shall govern performance of Client's work in connection with all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by or on behalf of authorized representative of both parties.

8. **Force Majeure**

PCL shall not be responsible for delay or failure to perform the services required by this agreement due to causes beyond its control.

9. **Confidentiality**

Data and the written reports and opinions to client or its clients prepared by the consultant pursuant to this agreement shall be held in confidence unless such information is generally available to the public or is otherwise obtained by PCL from a third party not in connection with a breach of this agreement. Subject to any applicable requirements to the contrary, PCL shall keep the name of the Client confidential and shall not use the name of the Client in connection with any publicity or boasting without the prior written consent of the Client. Client grants PCL the right to use Client's name in PCL's client lists and boasting. Client shall not use PCL's name in boasting or publicity or in any manner that may reflect unfavorably on PCL without the prior written consent of PCL. Client grants PCL the right to use Client's name in boasting and publicity.

10. **Hold Harmless**

Client indicates that all samples submitted to PCL are properly identified and that all samples submitted to PCL are not hazardous, unless otherwise specified in writing and labeled as such and all samples submitted to PCL are in proper condition for testing. Client shall indemnify and hold PCL harmless from any and all claims, damages, losses, liabilities, costs and expenses (including reasonable attorney's fees and expenses) arising out of or in connection with any sample submitted to PCL by Client, whether or not PCL has performed analysis on such samples. Client shall not use PCL's name in boasting or publicity or in any manner that may reflect unfavorably on PCL without the prior written consent of PCL. Client grants PCL the right to use Client's name in PCL's client lists and boasting.

11. **Hazardous Substances**

For PCL to perform the services required by Client, Client will provide PCL with proper sample containers for samples containing suspected or contaminated substances. Samples of soil, water, wastes, biological tissues, or other materials submitted to PCL for analysis may contain hazardous substances, wastes and constituents which are listed, or may be identified as such, under federal, state or other laws, rules, PCL policies, regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous materials encountered by PCL from Client's site, property, or work shall remain the property of Client and, upon completion of PCL's services, PCL will dispose of the unused portions of samples as specified by Client or by PCL's standard policies. In the event the Client does not specify its preferred method of disposal, PCL will return to the Client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any and all chemical analysis, client will be charged a sample disposal fee. Such samples submitted, as well as data and reports, may be subpoenaed.

12. **Prices/Payments**

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of submissions on the date the services were rendered or work was completed and/or as otherwise agreed in writing. The price schedule is subject to change at any time without notice. Payments are due in full upon receipt of invoice, unless otherwise indicated. Invoices not paid within 30 days of the invoice date ("Delinquent Date") shall accrue interest at the rate of 1.5% per month (18% per annum) from the Delinquent Date. If Client's account with PCL is not paid within 30 days of the Delinquent Date, PCL may, at its option, place the account for collection with attorneys or a collection agency and Client shall be responsible for all collection costs, including attorneys' fees, court costs, and interest at the rate of 1.5% per month (18% per annum) on the unpaid balance. In the event any legal action is brought to collect amounts due and owing to PCL, PCL shall be entitled to recover all reasonable attorneys' fees and costs incurred in connection therewith, in addition to any other amounts due and owing to PCL hereunder. Client shall pay all taxes, duties and assessments of any nature now or hereafter imposed upon or with respect to the services provided hereunder, including, but not limited to, sales, use, excise, value added, gross receipts, business and occupation, stamp, property, withholding, social security, unemployment, disability, and other taxes, duties or assessments (collectively, "Taxes"), but excluding taxes based upon PCL's net income. Client shall indemnify and hold PCL harmless from and against any Taxes that are assessed or imposed upon PCL with respect to the services provided hereunder, and any related interest, penalties or fines, together with any costs associated with the collection or settlement of such Taxes.

13. **Agreement Modification**

Changes, additions or modifications to the Terms shall be effective only if in writing and executed by an authorized PCL employee and Client. No waiver by PCL of any of the provisions hereof shall be effective unless explicitly set forth in writing and signed by PCL. No waiver by PCL shall operate or be construed as a waiver in respect of any failure, breach or default not expressly identified by such written waiver, whether of a similar or different character, and whether occurring before or after that waiver. No failure to exercise, or delay in exercising, any right, remedy, power or privilege arising from this agreement shall operate or be construed as a waiver thereof; nor shall any single or partial exercise of any right, remedy, power or privilege hereunder preclude any other or further exercise thereof or the exercise of any other right, remedy, power or privilege.

14. **No Third Party Beneficiaries: No Right of Reliance**

PCL assumes no responsibility or liability for any claim or loss arising out of any decision made by any party in reliance on data, information or reports furnished by PCL. Client is acting exclusively for its own purposes and not as agent or broker for any other person or entity. It is agreed and understood that there are no third party beneficiaries to this agreement and that no third party may rely on or claim reliance on reports. Client represents, warrants, and agrees that said data, information and reports are not intended for, or shall be used to solicit upon, in connection with or as part of, the purchase, underwriting, or continuation of any securities, any persons or other insureds or the holders of any services, the issuance, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. **Rush Analysis**

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. **Holding Times**

PCL cannot be responsible for holding times that are exceeded per each of samples that are received on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analytes with holding times of 14 days or less' samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short holding times of 48 hours or less (Bacteria 6-8 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company, delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. **Sample Retention**

All samples are retained for at least Thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be disposed at the end of the normal and standard time.

18. **Sample Pick Up/Field Tech Sampling**

If pick up/sampling has been scheduled in advance and subsequently rescheduled, a minimum of 24 hours notice is required or a fee will be charged. Unnecessary delays due to the site not being ready for sampling will be charged at the

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

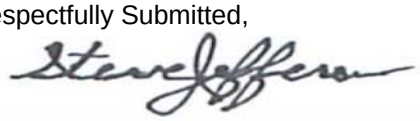
Attention: Ric Vardel
Report Date: 29-Nov-18 14:27
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18K0482-01) Collected: 25-Nov-18 By IPC						
pH	SM4500-H-B	AK82525	0.1	25-Nov-18 (JC)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AK82622	0.05	26-Nov-18 (PL)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AK82522	1.8	27-Nov-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AK82522	1.8	27-Nov-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 11/29/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18K0482

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: JULIO LEAL	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field (Lab)
EFF	11-25-18	08:30	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.52/16.1°C
	/	/	1	~~BOD~~	~~Grab~~	~~AQ~~	~~1L P~~	4°C	
	/	/	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	JULIO LEAL	11-25-18	12:10
Received by	Jordan Corkery	11-25-18	12:10
Relinquished by			
Received by			
Relinquished by			
Received in lab by	Jordan Corkery	11-25-18	13:38

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Sample Received Checklist

Temperature upon receipt: _____
# of bottles agrees with COC? Yes No
Samples intact? Yes No
Samples properly preserved? Yes No
Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____
Final Flow _____

Sample Type	Preservations
Grab	**HC** - HCl
Comp	**HS** - H_2SO_4
Matrix	**HN** - HNO_3
AQ - Water	**HP** - H_3PO_4
SO -Soil / Sludge	**OH** - NaOH
OT - Other	**ST** - Sodium Thiosulfate
Bottle Type	**AA** - Ascorbic Acid
P - Plastic	**Al** - $AlCl_3$
G - Amber Glass	**Cu** -$CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined hereinafter) under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereon are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. injury, disease or death of persons 2. Loss of, damage to, loss of, or loss of use of property and or 3. Financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (weather now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any, unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 29-Nov-18 14:31
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18K0494-01) Collected: 26-Nov-18 By IPC						
pH	SM4500-H-B	AK82720	0.1	26-Nov-18 (SJ)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AK82709	0.05	27-Nov-18 (PL)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AK82634	1.8	28-Nov-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AK82634	1.8	28-Nov-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 11/29/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18K0494

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive Irvine CA 92618		Sampled by: Ric Vardel / Golan Kfir Report Attention: Carlos Alvarez	P.O. #: 949-382-9067 Phone #:

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	11/26/18	1115	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (GPC)	11/26/18	
Received by			11/26/18	1250
Relinquished by			11/26/18	1340
Received by				
Relinquished by				
Received in lab by		PCL	11-26-18	1340

Sample Received Checklist

Temperature upon receipt: 4
# of bottles agrees with COC? (Yes) No
Samples intact? ~~Yes~~ No
Samples properly preserved? ~~Yes~~ No
Samples in holding time? ~~Yes~~ No

Compliance Monitor

Initial Flow _____
Final Flow _____

Sample Type	Preservations
~~Grab~~ Comp	HC - HCl
Matrix	HS - H_2SO_4
~~AQ~~ - Water	HN - HNO_3
SO -Soil / Sludge	HP - H_3PO_4
OT - Other	OH - NaOH
Bottle Type	ST - Sodium Thiosulfate
~~P~~ - Plastic	AA - Ascorbic Acid
G - Amber Glass	Al - $AlCl_3$
VOA - 40 ml Vial	Cu -$CuSO_4$
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or removed from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or in the public domain or client has failed to pay PCL for all services rendered) or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such data where such standard was observed. PCL reports and information provided therein are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information pertaining to PCL's technical information, methods, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parents harmless from and against any and all liability, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to, all court fees (the "Obligation Expenses") and awards arising in favor of client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, illness or death of persons 2. loss of, damage to, loss of, or loss of use of property and/or 3. financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability of PCL (and the indemnified Persons) to the client and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be to the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including without limitation, loss of profit or business interruption) Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or the services provided under this agreement except client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenols, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time with or without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoice. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate determined by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or effort.

13. Agreement Modification

Changes, modifications or amendments to the Terms shall be effective only in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteriology & hours) must be delivered that same day in order to guarantee holding times are met. After hours late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noticed on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

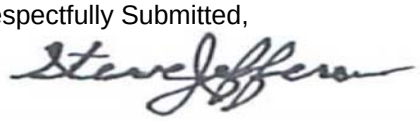
Attention: Ric Vardel
Report Date: 29-Nov-18 14:35
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18K0532-01) Collected: 27-Nov-18 By IPC						
pH	SM4500-H-B	AK82820	0.1	27-Nov-18 (JC)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AK82810	0.05	28-Nov-18 (PL)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AK82719	1.8	29-Nov-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AK82719	1.8	29-Nov-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 11/29/2018
Laboratory Director

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 04-Dec-18 15:12
Subject: (MCC) Weekly EFF

Project/P.O.#: (MCC) Weekly EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18K0531-01) Collected: 27-Nov-18 By IPC						
Ammonia as N	EPA 350.1	AK82817	0.10	28-Nov-18 (SGS)	0.32 mg/l	
Biochemical Oxygen Demand	SM 5210B	AK82822	2	03-Dec-18 (SGS)	<2 mg/l	
Nitrate as N	EPA 353.2	AK82814	0.02	28-Nov-18 (LA)	1.89 mg/l	
Nitrite as N	EPA 353.2	AK82814	0.02	28-Nov-18 (LA)	<0.02 mg/l	
Total Kjeldahl Nitrogen	EPA 351.2	AK82813	0.10	29-Nov-18 (LA)	0.80 mg/l	
Total Suspended Solids	SM 2540D	AK82818	1	28-Nov-18 (SGS)	<1 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 12/4/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18K0531

Customer: IPC, Inc.		Project : (MCC) Weekly EFF	
Address: 9297 Research Drive		Sampled by: Ric Vardel / Golan Kfir	P.O. #: 949-382-9067
Irvine CA 92618		Report Attention:	Phone #:

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	11/27/18	1155	1	TSS	Grab	AQ	1L P	4°C	
			1	NH4, TKN	Grab	AQ	500 P	HS	
			1	NO2, NO3	Grab	AQ	500 P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (PCL)	11/27/18	1407
Received by		MARIO SANTIESTEBAN (PCL)	11/27/18	1407
Relinquished by		MARIO SANTIESTEBAN (PCL)	11/27/18	1755
Received by				
Relinquished by				
Received in lab by		PCL	11-27-18	1755

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	HC - HCl
Comp	HS - H_2SO_4
Matrix	HN - HNO_3
AQ - Water	HP - H_3PO_4
SO - Soil / Sludge	OH - NaOH
OT - Other	ST - Sodium Thiosulfate
Bottle Type	AA - Ascorbic Acid
P - Plastic	AI - $AlCl_3$
G - Amber Glass	Cu - $CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto to which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provision to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by Client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public, or is the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereon are for the exclusive use and benefit of client and unless agreed there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

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Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent, harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses, including, but not limited to all court fees (the "Litigation Expenses") and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling, or disposal of client's hazardous materials: 1. Injury, disease or death of persons 2. Loss of, damage to, loss of, or loss of use of property and/or 3. Fines or suits of every kind of that later. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, liabilities, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other Indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive special, incidental or consequential damages including, without limitation, loss of profit or business interruption, Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

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15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 5pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES
QUALITY ANALYTICAL SERVICES SINCE 1987
1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

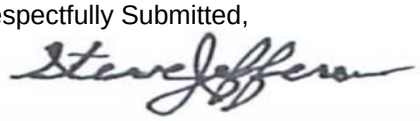
Attention: Ric Vardel
Report Date: 04-Dec-18 15:14
Subject: (MCC) Weekly INF

Project/P.O.#: (MCC) Weekly INF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
INF (Sample I.D.# : 18K0534-01) Collected: 27-Nov-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AK82822	2	03-Dec-18 (SGS)	526 mg/l	
Total Suspended Solids	SM 2540D	AK82818	1	28-Nov-18 (SGS)	117 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 12/4/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18K0534

Customer: IPC, Inc.		Project: (MCC) Weekly INF	
Address: 9297 Research Drive		Sampled by: Ric Vardel / Golan Kfir	P.O. #: 949-382-9067
Irvine CA 92618		Report Attention: C.Q.	Phone #:

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
INF	11/27/18	1215	1	TSS	Grab	AQ	1L P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	
1	1	1							

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	11/27/18	1705
Received by		MARIO SAN TESTEBAN (PCL)	11/27/18	1405
Relinquished by		MARIO SAN TESTEBAN (PCL)	11/27/18	1756
Received by				
Relinquished by				
Received in lab by		PCL	11.27.18	1756

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Matrix	Bottle Type
Grab	~~AQ~~ - Water	P - Plastic
Comp	SO -Soil / Sludge	~~G~~ - Amber Glass
	OT - Other	VOA - 40 ml Vial
		Coli - bacteria

Preservations

HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

2. Independent Contractor

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3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following Special Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes (i) an acceptance by the client of PCL's offer to do business with the client under the terms and condition and (ii) an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or in the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL employs the same standard of care it uses to protect its own confidential data and shall not be responsible for unauthorized disclosure of confidential information despite such standard was observed. PCL reports and information provided hereunder are for the exclusive use and benefit of Client and client agrees there shall be no third party beneficiary of PCL's reports, data or information. Client will not disclose to any third party any report, data or testing, technical information, software or programs or other information.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent, harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees and litigation expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, injuries, illnesses or death of persons, property damage to, loss of, or loss of use of property and any & financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Parties, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption, litigation expenses or other fees (including, without limitation, attorney's fees, court costs, and pre or post-judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or on services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect on the date of operations or the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when only in part completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoice. In the failed event payment(s) is/ are not made/satisfied, any amount owing to the undersigned (Ms) client is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees of plaintiff (not associated with such collection procedure or efforts).

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client is securing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any securities, the securing, amendment, renewal, or extension of any loan from any financial institutions or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 7-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 8 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

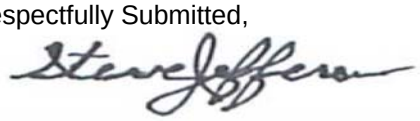
Attention: Ric Vardel
Report Date: 30-Nov-18 15:10
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18K0564-01) Collected: 28-Nov-18 By IPC						
pH	SM4500-H-B	AK82918	0.1	28-Nov-18 (JC)	7.6 pH Units	
Residual Chlorine	SM 4500 Cl-G	AK82905	0.05	29-Nov-18 (PL)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AK82825	1.8	30-Nov-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AK82825	1.8	30-Nov-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 11/30/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18K0564

Customer: IPC, Inc.		Project : (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Ric Vardel / Golan Kfir	P.O. #: 949-382-9067
Irvine CA 92618		Report Attention: Carlos Alvarez	Phone #:

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	11/28/18	0820	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
1	1	1	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	11/28/18	
Received by			11/28/18	1240
Relinquished by			11/28/18	1330
Received by				
Relinquished by				
Received in lab by			11/28/18	1354

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	HC - HCl
Comp	HS - H_2SO_4
Matrix	HN - HNO_3
AQ - Water	HP - H_3PO_4
SO - Soil / Sludge	OH - NaOH
OT - Other	ST - Sodium Thiosulfate
Bottle Type	AA - Ascorbic Acid
P - Plastic	Al - $AlCl_3$
G - Amber Glass	Cu - $CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

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For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal police. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

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15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 04-Dec-18 15:02
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18K0604-01) Collected: 29-Nov-18 By IPC						
pH	SM4500-H-B	AL80130	0.1	29-Nov-18 (JC)	7.6 pH Units	
Residual Chlorine	SM 4500 Cl-G	AK83016	0.05	30-Nov-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AK82913	1.8	01-Dec-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AK82913	1.8	01-Dec-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 12/4/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18K0604

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Ric Vardel / Golan Kfir	P.O. #: 949-382-9067
Irvine	CA 92618	Report Attention:	Phone #:

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	11/29/18	1125	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Arroyo (CCR)		
Received by		Stephen Denbesten (PCL)	11/29/18	11:28
Relinquished by				
Received by				
Relinquished by				
Received in lab by		Stephen Denbesten	11/29/18	12:50

Sample Received Checklist

Temperature upon receipt:	4
# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Matrix	Bottle Type
Grab	AQ - Water	P - Plastic
Comp	SO - Soil / Sludge	G - Amber Glass
	OT - Other	VOA - 40 ml Vial
		Coli - bacteria

Preservations

HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

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PCL acts solely as an independent contractor in performing all services.

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The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

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10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, costs and associated expenses including, but not limited to, all court fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. Injury, disease or death of persons 2. Loss of, damage to, loss of, or loss of use of property and or 3. Financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have in PCL and the other Indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post-judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analytes such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (weather now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount unpaid as the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective on in writing and executed by an officer of PCL and by client authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

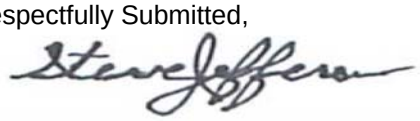
Attention: Ric Vardel
Report Date: 04-Dec-18 15:05
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18K0676-01) Collected: 30-Nov-18 By IPC						
pH	SM4500-H-B	AL80130	0.1	30-Nov-18 (JC)	7.6 pH Units	
Residual Chlorine	SM 4500 Cl-G	AL80129	0.05	01-Dec-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AK83012	1.8	02-Dec-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AK83012	1.8	02-Dec-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 12/4/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18K0676

Customer: IPC, Inc.		**Project:** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** C. D.	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	11/30/18	1035	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
~~BOD~~			~~1~~		~~Grab~~	~~AQ~~	~~1L P~~	~~4°C~~	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by	C. D.	Carlos Alvarez (3Pc)	11/30/18	
Received by	EG Evab	PIC	11/30/18	1325
Relinquished by				
Received by				
Relinquished by				
Received in lab by		PIC	11-30-18	1325

Sample Received Checklist

Temperature upon receipt: 4
# of bottles agrees with COC? Yes No
Samples intact? Yes No
Samples properly preserved? Yes No
Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	HC - HCl
Comp	HS - H_2SO_4
Matrix	HN - HNO_3
AQ - Water	HP - H_3PO_4
SO -Soil / Sludge	OH - NaOH
OT - Other	ST - Sodium Thiosulfate
Bottle Type	AA - Ascorbic Acid
P - Plastic	AI - $AlCl_3$
G - Amber Glass	Cu - $CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

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Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem laboratories (PCL) standard price schedule as such document may be amended or relevant from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written Client Letter of Authority (LOA) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (CLEAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has failed to pay PCL for all services rendered) or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data when such standard was observed. PCL reports and information provided hereunder are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of our reports, data or information. Client will not disclose to any third party any interpretation using technical information, software, programs or other know-how.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses, damages, claims, demands, causes of action, suits and associated expenses, including, but not limited to, attorneys' fees (the obligation expanded and extended arising in favor of Client or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials) 1. injury, disease or death of persons 2. Loss of, damage to, loss of, or loss of use of property and/or 3. financial loss of every kind and kind whatsoever. This indemnity does not apply to any of the foregoing losses, costs, damages or injuries caused solely by PCL's or its negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and nature, for arising out of or in connection with the negligence of or breach of contract by any indemnified person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnification will be in addition to any liability which the Client might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, Client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption (litigation Expenses or other loss including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from clients at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portion of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

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13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective if in writing and executed by an officer of PCL and by client's authorized representative. Except that subsequent orders for additional services may be verbal or in writing.

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PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent, or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or syndication of any securities, any periodic, or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institutions or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analytes with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times (7 days), samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (biochemical 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

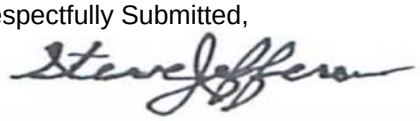
Attention: Ric Vardel
Report Date: 04-Dec-18 15:07
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18L0017-01) Collected: 01-Dec-18 By IPC						
pH	SM4500-H-B	AL80430	0.1	01-Dec-18 (SS)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AL80224	0.05	02-Dec-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AL80128	1.8	03-Dec-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AL80128	1.8	03-Dec-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 12/4/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1810017

Customer: IPC, Inc.		Project : **(MCC) Daily EFF**	
Address: 9297 Research Drive		Sampled by:	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	12/1	9:45	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
~~BOD~~			~~1~~	~~BOD~~	~~Grab~~	~~AQ~~	~~1L P~~	~~4°C~~	
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

Signature	Print Name (Company)	Date	Time
Relinquished by	Ric Vardel (IPC)	12/1	9:50
Received by			
Relinquished by	Jose L Gomez	12/1/18	1050
Received by			
Relinquished by			
Received in lab by	Jordan Corkery	12/1/18	1314

Sample Received Checklist

Temperature upon receipt: _____

# of bottles agrees with COC?	Yes	No
Samples intact?	Yes	No
Samples properly preserved?	Yes	No
Samples in holding time?	Yes	No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	**HC** - HCl
Comp	**HS** - H_2SO_4
Matrix	**HN** - HNO_3
AQ - Water	**HP** - H_3PO_4
SO -Soil / Sludge	**OH** - NaOH
OT - Other	**ST** - Sodium Thiosulfate
Bottle Type	**AA** - Ascorbic Acid
P - Plastic	**AI** - $AlCl_3$
G - Amber Glass	**Cu** -$CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided therein are for the exclusive use and benefit of client and do not agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software, programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent companies from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses, including, but not limited to, all court fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, disease or death of persons 2. loss of, damage to, loss of, or loss of use of property and/or 3. financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) Litigation Expenses in other fees (including, without limitation, attorney's fees, court costs, and /or pre or post-judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect on the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedures or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective on in writing and executed by an officer of PCL and by client authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (except is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM LABORATORIES
QUALITY ANALYTICAL SERVICES SINCE 1987
1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

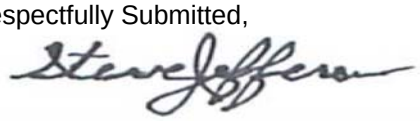
Attention: Ric Vardel
Report Date: 04-Dec-18 15:10
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18L0021-01) Collected: 02-Dec-18 By IPC						
pH	SM4500-H-B	AL80430	0.1	02-Dec-18 (SS)	6.9 pH Units	
Residual Chlorine	SM 4500 Cl-G	AL80224	0.05	02-Dec-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AL80222	1.8	04-Dec-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AL80222	1.8	04-Dec-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 12/4/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1810021

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Ric VARDEL	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	12/2	0945	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
~~2W~~			~~1~~	~~BOD~~	~~Grab~~	~~AQ~~	~~1L P~~	~~4°C~~	
11	11	11	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD: Logcode: IPCI Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	Ric VARDEL (IPC)	12/2	0950
Received by Jordan Corkery	Jordan Corkery	12/4/15	1305
Relinquished by			
Received by			
Relinquished by			
Received in lab by	Jordan Corkery	12/2/15	1426

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Sample Received Checklist

Temperature upon receipt: _____

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab Comp	HC - HCl HS - H_2SO_4
Matrix	HN - HNO_3
AQ - Water SO -Soil / Sludge OT - Other	HP - H_3PO_4 OH - NaOH ST - Sodium Thiosulfate
Bottle Type	AA - Ascorbic Acid
P - Plastic G - Amber Glass VOA - 40 ml Vial Coli - bacteria	Al - $AlCl_3$ Cu -$CuSO_4$

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), EA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or in the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereby are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to attorneys' fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's Hazardous materials. 1. Injury, disease or death of persons 2. Loss of, damage to, loss of, or loss of use of property and or 3. Financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other Indemnified Persons. To the extent necessary under applicable law, Client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption. Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analytes such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

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15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 24 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab is min 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

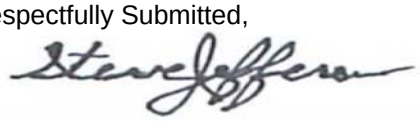
Attention: Ric Vardel
Report Date: 06-Dec-18 10:43
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18L0048-01) Collected: 03-Dec-18 By IPC						
pH	SM4500-H-B	AL80430	0.1	03-Dec-18 (SS)	7.7 pH Units	
Residual Chlorine	SM 4500 Cl-G	AL80417	0.05	04-Dec-18 (PL)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AL80331	1.8	05-Dec-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AL80331	1.8	05-Dec-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 12/6/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 12 Loone

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive Irvine CA 92618	Sampled by: Ric Vardel / Golan Kfir Report Attention: Carlos Arana	P.O. #: 949-382-9067 Phone #:	

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	12/02/18	12:10	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
1	1	(	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

Signature	Print Name (Company)	Date	Time
Relinquished by: C. Arana	Carlos Arana (IPC)	12/03/18	
Received by: EG	Eric G	12-3-18	1200
Relinquished by: EG	Eric G	12/3/18	1230
Received by:			1340
Relinquished by:			
Received in lab by:	PC	12-3-18	1340

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or replaced from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may place services by submitting a written copy of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM) Association of Official Analytical Chemists (AOAC) Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made in a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample analysis provided to client or at client's request and the results obtained by PCL shall be held in confidence. Unless such information is generally available to the public, is in the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and that not be responsible for unauthorized dissemination of such data which could have been avoided. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any communication containing technical information, software processes or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses, including, but not limited to, attorneys fees (plus litigation expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. injury, disease or death of persons 2. loss of, damage to, loss of, or loss of use of property, or 3. Financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, injuries of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive special, incidental or consequential damages including, without limitation, loss of profit or business interruption. Litigation Expenses or other fees including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest, or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, battery or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or cash/check accompanied is required for all new clients or upon a breach of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by law and applicable law, any amount unpaid on the date of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are referred through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedures or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only if in writing and executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to solicit under, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any permit, or other relating to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times (< 7 days), samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 8 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

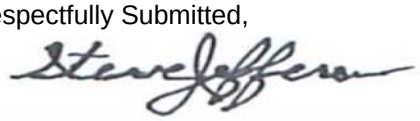
Attention: Ric Vardel
Report Date: 07-Dec-18 16:22
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18L0128-01) Collected: 04-Dec-18 By IPC						
pH	SM4500-H-B	AL80543	0.1	04-Dec-18 (JC)	7.6 pH Units	
Residual Chlorine	SM 4500 Cl-G	AL80546	0.05	05-Dec-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AL80431	1.8	06-Dec-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AL80431	1.8	06-Dec-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 12/7/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 181028

Customer: IPC, Inc.		**Project :** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** Ric Vardel / Golan Kfir	**P.O. #:** 949-382-9067
Irvine CA 92618		**Report Attention:** C. Duran	**Phone #:**

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	12/04/18	1215	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by	C. Duran	Carlos Duran (IPC)	12/04/18	
Received by	Golan Kfir	Golan Kfir (IPC)	12/4/18	1240
Relinquished by	Golan Kfir	Golan Kfir (IPC)	12/4/18	1430
Received by				
Relinquished by				
Received in lab by		PLC	12-4-18	1430

Sample Received Checklist

Temperature upon receipt: 4
# of bottles agrees with COC? Yes No
Samples intact? Yes No
Samples properly preserved? Yes No
Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____
Final Flow _____

Sample Type	Preservations
Grab	HC - HCl
~~Comp~~	HS - H_2SO_4
Matrix	HN - HNO_3
AQ - Water	HP - H_3PO_4
SO -Soil / Sludge	OH - NaOH
OT - Other	ST - Sodium Thiosulfate
Bottle Type	AA - Ascorbic Acid
P - Plastic	Al - $AlCl_3$
G - Amber Glass	Cu -$CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and condition. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the Terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use only those methodologies which are in substantial conformity with the U.S Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employers or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public, or is the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such data where such standard was observed. PCL reports and information provided hereunder are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of our reports, data or information. Client will not disclose to any third party any information concerning technical information, software, programs or other formulation.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, costs and associated expenses, including, but not limited to all court fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring, incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, disease or death of persons 2. loss of, damage to, loss of, or loss of use of property and or 3. financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims causes, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have in PCL and the other Indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material; wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from dated invoices. To the fullest extent permitted or as will be applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or efforts.

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PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client is securing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to resind upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any persons or other recording to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noticed on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

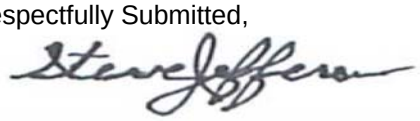
Attention: Ric Vardel
Report Date: 07-Dec-18 16:25
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18L0208-01) Collected: 05-Dec-18 By IPC						
pH	SM4500-H-B	AL80616	0.1	05-Dec-18 (JC)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AL80617	0.05	06-Dec-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AL80541	1.8	07-Dec-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AL80541	1.8	07-Dec-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 12/7/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1820208

Customer: IPC, Inc.		Project : (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Ric Vardel / Golan Kfir	P.O. #: 949-382-9067
Irvine CA 92618		Report Attention: C. D.	Phone #:

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	12/05/18	1155	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
1	1	1	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by	C. D.	Carlos Alvarado (SDC)	12/05/18	
Received by	Carlos		12/5/18	9300
Relinquished by	Carlos		12/5/18	1500
Received by				
Relinquished by				
Received in lab by		PCL	12.5.18	1500

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Matrix	Bottle Type
Grab	AQ - Water	P - Plastic
Comp	SO -Soil / Sludge	G - Amber Glass
	OT - Other	VOA - 40 ml Vial
		Coli - bacteria

Preservations

HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

55

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

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PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public, or is the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided hereon are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other consultations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. injury, illness or death of persons 2. loss of, damage to, lost of, or loss of use of property and or 3. financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence or in breach of contract by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other Indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 17-Dec-18 16:45
Subject: (MCC) Monthly EFF

Project/P.O.#: (MCC) Monthly EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18L0209-01) Collected: 05-Dec-18 By IPC						
Boron	EPA 200.7	AL81025	0.10	10-Dec-18 (AF)	0.40 mg/l	
MBAS	SM 5540C	AL80607	0.20	06-Dec-18 (PL)	<0.20 mg/l	
Oil & Grease (HEM)	EPA 1664A	AL81026	5	10-Dec-18 (WW)	<5 mg/l	
Phosphorus, Total as P	EPA 365.1	AL81227	0.03	13-Dec-18 (LA)	0.74 mg/l	
Total Dissolved Solids	SM 2540C	AL81032	5	13-Dec-18 (EA)	636 mg/l	
Chloride	EPA 300.0	AL80606	1.0	06-Dec-18 (AV)	178 mg/l	
Sulfate as SO4	EPA 300.0	AL80606	0.5	06-Dec-18 (AV)	96.2 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 12/17/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1910209

Customer: IPC, Inc.		Project : (MCC) Monthly EFF	
Address: 9297 Research Drive		Sampled by:	P.O. #:
Irvine	CA 92618	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	12/05/18	1155	1	SO4, Cl, TDS	Grab	AQ	1/2 Gal. P	4°C	
			1	MBAS	Grab	AQ	500 P	4°C	
			1	Oil & Grease	Grab	AQ	1L G	HC	
			1	Boron	Grab	AQ	250 P	HN	
			1	T.Phos	Grab	AQ	250 P	4°C	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Arana (PCL)	12/05/18	
Received by			12/5/18	1700
Relinquished by			12/5/18	1750
Received by				
Relinquished by				
Received in lab by		PCL	12.5.18	1500

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab Comp	HC - HCl HS - H_2SO_4 HN - HNO_3 HP - H_3PO_4 OH - NaOH ST - Sodium Thiosulfate AA - Ascorbic Acid Al - $AlCl_3$ Cu - $CuSO_4$
Matrix AQ - Water SO - Soil / Sludge OT - Other	
Bottle Type P - Plastic G - Amber Glass VOA - 40 ml Vial Coli - bacteria	

Rev 2 Effective 5/1/17

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Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these terms and conditions of sale, including the price schedule and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and/or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms do not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "Services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), 40 Waterboard (EMP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the conditions which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or in the public domain, or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses to protect its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided hereunder are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning technical know-how, software, equipment or other methodologies.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all claims, losses or damages, claims, demands, causes of action, liens and associated expenses including, but not limited to, all court fees, (the Litigation) sustained and asserted against or incurred by client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, disease or death of persons 2. loss of, damage to, 3. loss of, or use of property and or 3. Punitive/loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages or liabilities caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, accident of every kind and character arising out of or in connection with the negligence of or breach of contract by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any rights to which the client might otherwise have in PCL and the other Indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by the available liability insurance coverage or as furnished by client, which insurance shall be, to the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including without limitation, loss of profits or business interruption, expenses or other fees (including, without limitation, attorney's fees, court costs, and/or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any Indemnified Person in connection with this agreement or all services performed under this agreement, even if client or the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL believes or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for analytical bacterial analysis client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations of the state the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or at all analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within forty (30) days from date of invoice. To the fullest extent permitted by law, a finance charge, any amounts unpaid of the end of the (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balance. If invoice amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees as against fees established with such collection procedures or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and no verbal authority, representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries. No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client is retaining services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants and agrees that such data, information and reports are not requested, or shall be used to relied upon, in connection with (a) as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any company, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the participation in or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered to us late or otherwise without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 48 hours or less, samples must arrive within 36 hours to allow PCL to meet holding times, without applying a rush surcharge. All client mailed times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding time is not met. Short Holding Times: all 48 hours or less that time is to [illegible] must be delivered that same day to assure to avoid time holding times are met. After hours, late deliveries, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 17-Dec-18 16:48
Subject: (MCC) Weekly EFF

Project/P.O.#: (MCC) Weekly EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18L0211-01) Collected: 05-Dec-18 By IPC						
Ammonia as N	EPA 350.1	AL80709	0.10	07-Dec-18 (SGS)	0.16 mg/l	
Biochemical Oxygen Demand	SM 5210B	AL80613	2	11-Dec-18 (SGS)	<2 mg/l	
Nitrate as N	EPA 353.2	AL80614	0.005	06-Dec-18 (SGS)	2.43 mg/l	
Nitrite as N	EPA 353.2	AL80614	0.001	06-Dec-18 (SGS)	0.12 mg/l	
Total Kjeldahl Nitrogen	EPA 351.2	AL80609	0.10	07-Dec-18 (LA)	0.90 mg/l	
Total Suspended Solids	SM 2540D	AL80618	1	07-Dec-18 (EA)	<1 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 12/17/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1820211

Customer: IPC, Inc.		Project: **(MCC) Weekly EFF**	
Address: 9297 Research Drive		Sampled by:	P.O. #:
Irvine	CA 92618	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	12/05/18	1155	1	TSS	Grab	AQ	1L P	4°C	
			1	NH4, TKN	Grab	AQ	500 P	HS	
			1	NO2, NO3	Grab	AQ	500 P	4°C	
			1	BOD					

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	12/05/18	
Received by			12/05/18	1300
Relinquished by			12/5/18	1500
Received by				
Relinquished by				
Received in lab by		VLL	12-5-18	1500

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? (Yes) No

Samples intact? (Yes) No

Samples properly preserved? (Yes) No

Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Matrix	Bottle Type
(Grab) Comp	~~AQ~~ - Water	~~P~~ - Plastic
	SO -Soil / Sludge	G - Amber Glass
	OT - Other	VOA - 40 ml Vial
		Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Rev 2 Effective 5/1/17

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Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions –

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Fees Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public, or is the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided hereunder are for the exclusive use and benefit of client and PCL in agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other confidential.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to, all court fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring, incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. injury, sickness or death of persons 2. Loss of, damage to, loss of, or loss of use of property and or 3. Financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically exclude losses, claims damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be to the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive special, incidental or subsequential damages including without limitation, loss of profit or business interruption, Litigation Expenses or other fees including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established client account, the terms for payment of charges are NET 30 (thirty) days from date of invoices. To the fullest extent permitted or at all by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedures or efforts.

13. Agreement Modification

Changes, modifications or amendments to the Terms shall be effective only if in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less' samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES
QUALITY ANALYTICAL SERVICES SINCE 1987
1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

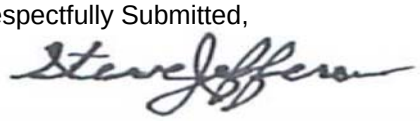
Attention: Ric Vardel
Report Date: 17-Dec-18 16:56
Subject: (MCC) Weekly INF

Project/P.O.#: (MCC) Weekly INF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
INF (Sample I.D.# : 18L0213-01) Collected: 05-Dec-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AL80613	2	11-Dec-18 (SGS)	475 mg/l	
Total Suspended Solids	SM 2540D	AL80618	1	07-Dec-18 (EA)	143 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 12/17/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1810213

Customer: IPC, Inc.		Project : (MCC) Weekly INF	
Address: 9297 Research Drive		Sampled by: Mohamad Monghasem / Ric Vardel / Golan Kfir	P.O. #: 949-382-9067
Irvine CA 92618		Report Attention:	Phone #:

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
INF	12/05/18	8:50	1	TSS	Grab	AQ	1L P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

Signature	Print Name (Company)	Date	Time
Relinquished by	Mohamad Monghasem	12/05/18	
Received by		12/5/18	1300
Relinquished by		12/5/18	1500
Received by			
Relinquished by			
Received in lab by	PIL	12-5-18	1500

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No
Samples intact? Yes No
Samples properly preserved? Yes No
Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Matrix	Bottle Type
Grab	AQ - Water	P - Plastic
Comp	SO - Soil / Sludge	G - Amber Glass
	OT - Other	VOA - 40 ml Vial
		Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at Client's request and the results entered by PCL shall be held in confidence unless such information is generally available to the public, or is the public domain or client has filed to pay PCL for all services rendered, or is otherwise in breach of the agreement subject to any disclosure required by law or legal process. PCL shall use the same standard of care in safeguarding its own confidential data and shall not be responsible for unauthorized disclosure of such data where such standard was observed. PCL reports and information provided thereunder are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees (litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials 1. injury, disease or death of persons 2. Loss of, damage to, loss of, or loss of use of property and/or 3. financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, charges, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have on PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption. Litigation Expenses include fees (including, without limitation, attorney's fees, court costs, and /or pre or post-judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

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PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, desired to be used to relied upon in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic, or other reporting to the holders of any security, the vesting, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

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18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM LABORATORIES
QUALITY ANALYTICAL SERVICES SINCE 1987
1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

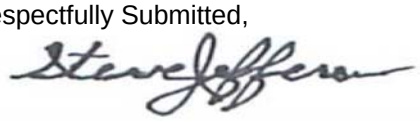
Attention: Ric Vardel
Report Date: 10-Dec-18 13:31
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18L0284-01) Collected: 06-Dec-18 By IPC						
pH	SM4500-H-B	AL80723	0.1	06-Dec-18 (JC)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AL80720	0.05	07-Dec-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AL80615	1.8	08-Dec-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AL80615	1.8	08-Dec-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 12/10/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18L0284

Customer: IPC, Inc.		Project : **(MCC) Daily EFF**	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine	CA 92618	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	12/06/18	1020	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

~~Geotracker EDD:~~
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	12/06/18	
Received by			12/6/18	1200
Relinquished by			12/6/18	1400
Received by				
Relinquished by				
Received in lab by			12-6-18	1400

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
~~Grab~~ Comp	HC - HCl
Matrix	HS - H_2SO_4
AQ - Water	HN - HNO_3
SO - Soil / Sludge	HP - H_3PO_4
OT - Other	OH - NaOH
Bottle Type	ST - Sodium Thiosulfate
P - Plastic	AA - Ascorbic Acid
G - Amber Glass	AI - $AlCl_3$
VOA - 40 ml Vial	Cu - $CuSO_4$
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or replaced from time to time by PCL.

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The Client may order services by submitting a written Chain of Custody (COC) to PCL. Any such order constitutes 1. an acceptance to the extent of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

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PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM) Association of Official Analytical Chemists (AOAC) Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

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6. Cancellation

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8. Force Majeure

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9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public, or is the public domain or client has filed to pay PCL for all services rendered, or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data. PCL's work standards was established for it's reports and information provided thereunder for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Clients will not disclose to any third party any information concerning technical information, software programs or other know-how.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, costs and associated expenses including, but not limited to, attorneys fees (litigation expenses) and assets arising in favor of Client or any third party as a result of, relating in any way or using incident to arising out of, in connection with the performance of services by PCL pursuant to this agreement and/or transportation handling or disposal of client's hazardous materials. 1. injury, disease or death of persons 2. loss of, damage to, and/or injury of use of property and/or 3. financial loss of every kind or character. This indemnity shall apply to any of the foregoing losses, costs, damages or expenses caused solely by the acts, negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence or breach of contract by any indemnified person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption, litigation expenses or other fees including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

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For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analytes such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of operations or the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance, which analysis is completed is required for all new clients or with a history of payment and/or credit account has been established with PCL. To establish credit or re-establish credit/account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoice. To the fullest extent permitted by law, any amount unpaid as the end of thirty (30) days shall bear interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. It should amounts be collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees as the court collection proceedings results.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by clients authorized representative. Verbal or email consent or/and for additional services may be verified or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is solely responsible for billing, records, and not as agent or broker, or in any other representative capacity for any other person or entity it is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of the securities, the issuing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. For short holding times of 2-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (Bacteria) is listed must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the public stich date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be invoiced an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

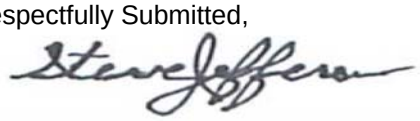
Attention: Ric Vardel
Report Date: 10-Dec-18 13:35
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18L0362-01) Collected: 07-Dec-18 By IPC						
pH	SM4500-H-B	AL80830	0.1	07-Dec-18 (JC)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AL80829	0.05	08-Dec-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AL80714	1.8	09-Dec-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AL80714	1.8	09-Dec-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 12/10/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1BL0362

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Mohamad Monghasem	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	12/07/18	11:00	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

~~Geotracker EDD:~~
Logcode: IPCI
Global ID: WDR100000359

Signature	Print Name (Company)	Date	Time
Relinquished by	Mohamad Monghasem	12/07/18	
Received by	EG Cruz	12/7/18	1320
Relinquished by	EG Cruz	12/7/18	1430
Received by			
Relinquished by			
Received in lab by		12/7/18	1430

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? ~~Yes~~ No

Samples intact? Yes ~~No~~

Samples properly preserved? Yes ~~No~~

Samples in holding time? Yes ~~No~~

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu -$CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its clients, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept clients for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express intent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has filed to pay PCL for all services rendered) or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such data when such standard was observed. PCL reports and information provided thereunder are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any intellectual property, technical information, software programs or other information.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and reasonable expenses including, but not limited to, attorneys' fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way accruing, incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling, or disposal of client's hazardous materials, 1. injury, disease or death of persons 2. loss of, damage to, and/or loss of use of property and or 3. financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages, or expenses caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any professional Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have in PCL and the other indemnified Persons. To the extent necessary under applicable law, Client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption), Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and pre and post-judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials") Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance when analysis is considered is required for all new clients or until a history of prompt payment with client account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoice. To the fullest extent permitted by law or by applicable law, any account unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law of one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agency fees associated with such collection procedures or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only if in writing and executed by an officer of PCL and by client's authorized representative. Agreements for subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use or for reliance on data, information, or reports furnished by PCL. Client in securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity, is agreed and acknowledged that there are no third party beneficiaries of this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not to be used, or shall be used to refer upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any securities, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the participation in or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (including 72 hour) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

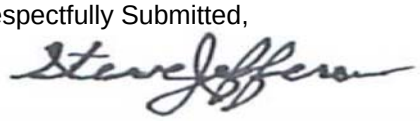
Attention: Ric Vardel
Report Date: 17-Dec-18 16:20
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18L0391-01) Collected: 08-Dec-18 By IPC						
pH	SM4500-H-B	AL81235	0.1	08-Dec-18 (JC)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AL80834	0.05	08-Dec-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AL80828	1.8	10-Dec-18 (EA)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AL80828	1.8	10-Dec-18 (EA)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 12/17/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1820391

Customer: IPC, Inc.		Project : **(MCC) Daily EFF**	
Address: 9297 Research Drive		Sampled by: Golan Kfir	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	12/8/18	10:45	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

Signature	Print Name (Company)	Date	Time
Relinquished by GK	Golan IPC	12/8/18	10:45
Received by			
Relinquished by Jose L Gomez	Jose L Gomez	12-8-18	1045
Received by			
Relinquished by			
Received in lab by Jordan Corkery	Jordan Corkery	12-8-18	1240

Sample Received Checklist

Temperature upon receipt: _____
# of bottles agrees with COC? Yes No
Samples intact? Yes No
Samples properly preserved? Yes No
Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____
Final Flow _____

Sample Type	Matrix	Bottle Type
Grab	**AQ** - Water	**P** - Plastic
Comp	**SO** -Soil / Sludge	**G** - Amber Glass
	OT - Other	**VOA** - 40 ml Vial
		Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu -$CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, submitting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (or deliver materials) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S Environmental Protection Agency (EPA), CA Waterboard (SLAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by Client or at client's request and the results obtained by PCL shall be held in confidence unless such information is generally available to the public or is the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of this agreement. Subject to any disclosure required by law or legal process, PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of information where such standard was observed. PCL reports pertaining to work provided hereunder are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software or processes of PCL.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees, (incl litigation expenses) and attorney's fees in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. injury, illness or death of persons 2. loss of, damage to, loss of, or loss of use of property and/or 3. financial loss of every kind of nature. This indemnity does not apply to any of the foregoing losses, suits, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by the indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive special, incidental or consequential damages including, without limitation, loss of profit or business interruption. Litigation Expenses = other fees including, without limitation, attorney's fees, court costs, and/or pre-or post-judgment interest, or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

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13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished to PCL. Client is securing services hereunder for his own account, and not as agent or broker, or any other representative to verify for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any portfolio, or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (typically 0 & 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 17-Dec-18 16:23
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18L0394-01) Collected: 09-Dec-18 By IPC						
pH	SM4500-H-B	AL81235	0.1	09-Dec-18 (JC)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AL81029	0.05	10-Dec-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AL80919	1.8	11-Dec-18 (EA)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AL80919	1.8	11-Dec-18 (EA)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 12/17/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1820394

Customer: IPC, Inc.		Project : (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: JULIO LEAL	P.O. #:
Irvine	CA 92618	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	12-09-18	08:00	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.4/21.6
	〃	〃	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

Signature	Print Name (Company)	Date	Time
Relinquished by	JULIO LEAL	12-9-18	9:00
Received by	Jordan Corkery	12-9-18	9:00
Relinquished by			
Received by			
Relinquished by			
Received in lab by	Jordan Corkery	12-9-18	10:05

Sample Received Checklist

Temperature upon receipt: _____

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) or the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence unless such information is generally available to the public or is the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement. Subject to any disclosure required by law or legal process, PCL shall use the same standard of care it utilizes in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where said standard was observed. PCL reports and information provided thereunder are for the exclusive use and benefit of client and it is agreed client shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other transactions.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses, damages, claims, demands, causes of action, suits and expenses (including, but not limited to, all court fees, fees, litigation expenses and attorney acting in favor of Client or any third party as a result of, and/or in any way arising incident to arising out of, or in connection with the performance of services by PCL pursuant to this Agreement and/or transportation, handling or disposal of client's hazardous materials: 1. injury, disease or death of persons 2. Loss of, damage to, loss of, or loss of use of property; and/or 3. financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages or injuries caused solely by the gross negligence or willful misconduct of PCL, or its employees. Further, this indemnity shall specifically apply to losses, claims and causes actions of every kind and shall be for arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, Client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person or counsel fees with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, Bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any Hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when charges are expected is required for all new clients or unless history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedures or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and its duly authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client in securing services hereunder for his own account, was not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the vesting, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before midnight on to ensure that the holding times can be met. Short Holding Times of 48 hours or less (Coliform & 8 hour) must be delivered mid-afternoon day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

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All pick up/sampling fees have been included on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

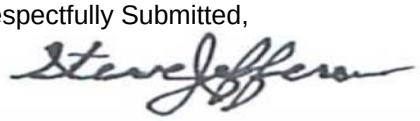
Attention: Ric Vardel
Report Date: 17-Dec-18 16:25
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18L0420-01) Collected: 10-Dec-18 By IPC						
pH	SM4500-H-B	AL81235	0.1	10-Dec-18 (JC)	7.6 pH Units	
Residual Chlorine	SM 4500 Cl-G	AL81127	0.05	11-Dec-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AL81033	1.8	12-Dec-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AL81033	1.8	12-Dec-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 12/17/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1810420

Customer: IPC, Inc.		Project : **(MCC) Daily EFF**	
Address: 9297 Research Drive		Sampled by:	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: **Field** **Lab**
EFF	12/10/18	0915	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

~~Geotracker EDD:~~
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	12/10/18	
Received by			12/10/18	1200
Relinquished by			12/10/18	1320
Received by				
Relinquished by				
Received in lab by		PC	12.10.18	1320

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu -$CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or released from time to time by PCL.

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PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. Any inconsistent or additional Terms shall be void and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may order services by submitting a written order of sample(s) ("COC") to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the Terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except in the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has failed to pay PCL for all services rendered) or is otherwise in line with the agreement subject to any disclosures required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for any unintended disclosure of confidential where such procedure was followed. All reports and information provided thereto are for the exclusive use and benefit of client and PCL in connection shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning the foregoing matters, without the permission of other from of parties.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses (including but not limited to all court fees, fees, litigation expenses and attorneys' fees) of any kind or nature, in favor of Client or any third party, as a result of, and/or in any way occurring, incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of Client's hazardous materials. 1. injury, disease or death of persons; 2. loss of, damage to, loss of, or loss of use of property; and/or 3. financial loss of every kind or character. This indemnity does not apply to all of the foregoing losses, costs, damages or claims caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to, cover, pay for, and hold harmless every cost and claim arising out of or in connection with PCL's negligence as a result of services by any indemnified person, whether active or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, Client agrees that its indemnity obligations will be supported by available liability insurance coverage to be furnished by Client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to Client for indirect, punitive, special, incidental or consequential damages (including without limitation, loss of profit or business interruption, Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and/or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analytes such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any Hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or materials supplied, as later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance of work analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CA/Invoice thirty (30) days from date of invoices. To the fullest extent permitted by law or as may be applicable law, any amount unpaid at the end of thirty (30) days in advance in advance at the rate of one (1) percent per month (or the highest rate permitted by law, if one and one-half percent (1.5%) per month is the highest allowed). If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees (if applicable) fees associated with such collection procedures or efforts.

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Changes, modifications or amendments to the Terms shall be effective only if in writing and executed by an officer of PCL and by client or authorized representative, except that subsequent orders for additional services may be verbal or in writing.

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PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any securities, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL is not responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analytes with holding times of 14 days or less' samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times 2-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (pecan 48 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

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Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 17-Dec-18 16:50
Subject: (MCC) Weekly EFF

Project/P.O.#: (MCC) Weekly EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18L0423-01) Collected: 10-Dec-18 By IPC						
Ammonia as N	EPA 350.1	AL81134	0.10	11-Dec-18 (SGS)	0.13 mg/l	
Biochemical Oxygen Demand	SM 5210B	AL81133	2	16-Dec-18 (VL)	<2 mg/l	
Nitrate as N	EPA 353.2	AL81128	0.20	11-Dec-18 (LA)	2.21 mg/l	
Nitrite as N	EPA 353.2	AL81128	0.02	11-Dec-18 (LA)	<0.02 mg/l	
Total Kjeldahl Nitrogen	EPA 351.2	AL81304	0.10	14-Dec-18 (LA)	0.73 mg/l	
Total Suspended Solids	SM 2540D	AL81237	1	17-Dec-18 (EA)	3 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 12/17/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1820423

Customer: IPC, Inc.		Project: (MCC) Weekly EFF	
Address: 9297 Research Drive		Sampled by: C.	P.O. #:
Irvine	CA 92618	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	12/10/18	0915	1	TSS	Grab	AQ	1L P	4°C	
			1	NH4, TKN	Grab	AQ	500 P	HS	
			1	NO2, NO3	Grab	AQ	500 P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	
~~Geotracker EDD:~~ Logcode: IPCI Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by	C.	Carlos Alvarez (SRL)	12/10/18	
Received by			12/10/18	1200
Relinquished by			12/10/18	1320
Received by				
Relinquished by				
Received in lab by		PC	12/10/18	1320

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody ("COC") to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of information when such standard was observed. PCL's reports and other work product are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client shall not disclose to any third party any proprietary technical information, software programs or other information.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, suits or actions, costs and consequent expenses, including, but not limited to, court fees, litigation expenses and attorneys' fees in favor of Client or any third party, as a result of, and/or in any way resulting in, directly or arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, damage or death of persons 2. loss of, damage to, use of, or loss of use of property and or 3. financial loss of every kind of character. This indemnity shall apply to all of the foregoing losses, costs, damages, or liabilities caused solely by the sole negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to, inures, claims for injury, damage, or death of every kind and nature, including but not limited to, those in connection with the negligence of or breach of contract by any indemnified person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, Client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, Bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any Hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or as otherwise quoted and confirmed in writing. The price schedule is subject to change at any time without notice. Payment must accompany order if analysis is completed. Unutilized but allowed credit shall be limited to amount of payment made in client account has been established with PCL. For those clients with an established credit account, the net due payment of charges are NET CASH seven thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount owing to the extent of thirty (30) days shall accrue interest at the lesser of the maximum rate permitted by law, or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal action and/or by an attorney, the client shall pay reasonable costs and attorney's fees, or agents' fees associated with such collection efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by clients authorized representative, except for subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client is retaining services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the issuing, amendment, renewal, or extension of any loan from any financial institution or other lender or the qualification to do contracting with the city or any city, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 2pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions must be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analytes with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (less than 2 days) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Prearranged long term storage is subject to an additional charge. Samples will be discarded at the end of the prearranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noted on this fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

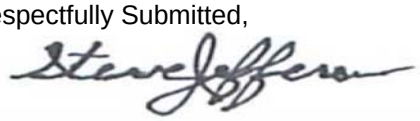
Attention: Ric Vardel
Report Date: 17-Dec-18 16:59
Subject: (MCC) Weekly INF

Project/P.O.#: (MCC) Weekly INF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
INF (Sample I.D.# : 18L0421-01) Collected: 10-Dec-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AL81133	2	16-Dec-18 (VL)	496 mg/l	
Total Suspended Solids	SM 2540D	AL81237	1	17-Dec-18 (EA)	165 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 12/17/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1810921

Customer: IPC, Inc.		Project : (MCC) Weekly INF	
Address: 9297 Research Drive		Sampled by: C. D.	P.O. #:
Irvine	CA 92618	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
INF	12/10/18	0915	1	TSS	Grab	AQ	1L P	4°C	
"	"	"	1	BOD	Grab	AQ	1L P	4°C	

~~Geotracker EDD:~~
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by	C. D.	Carlos Alvarez (CAC)	12/10/18	
Received by	EC Cuadra	MM	12/10/18	1200
Relinquished by	EC Cuadra	MM	12/10/18	1320
Received by				
Relinquished by				
Received in lab by		VC	12.10.18	1320

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? (Yes) No

Samples intact? (Yes) No

Samples properly preserved? ~~Yes~~ (No)

Samples in holding time? ~~Yes~~ (No)

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
(Grab)
Comp

Matrix
~~AQ~~ Water
SO -Soil / Sludge
OT - Other

Bottle Type
~~P~~ Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

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For purpose of this agreement, "services" shall mean all work to be performed for the Client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

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9. Confidentiality

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10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses, including but not limited to all court fees, litigation expenses and expert's charges in favor of Client or any third party, as a result of, and/or in any way occurring, incident, relating to, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. injury, disease or death of persons 2. loss of, damage to, theft of, or loss of use of property and/or 3. contamination of every kind whatsoever. This indemnity does not apply to any of the aforesaid losses, costs, damages or incident caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to, assert, claims damages, actions of every kind and character arising out of or in connection with PCL's negligence or breach of contract by any indemnified Person, whether active or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, client agrees that its indemnity obligations will be supported by available liability insurance coverage to be purchased by client, which insurance shall be to the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including without limitation, loss of profit or business interruption, litigation expenses or other fees (including without limitation, attorney's fees, court costs, and pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials (or analytes) such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices agreed and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or where otherwise contracted is required for all new clients or upon a showing of payment and/or credit accident has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET 30 days unless otherwise specifically stated in writing. To the fullest extent permitted at all by applicable law, any amount unpaid in this account thirty (30) days is subject to interest at the rate of the maximum rate permitted by law of one and one half percent (1.5%) per month on the unpaid balances. If suit or arbitration is instituted through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or experts' fees in addition with such collection procedures or efforts.

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14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for its own account, and not as agent, trustee, or in any other representative capacity for any other person or entity. The parties and acknowledge that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested or shall be used to mislead upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any securities, the securing, assessment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 2pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 16 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times of 7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria & Boron) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been revised on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

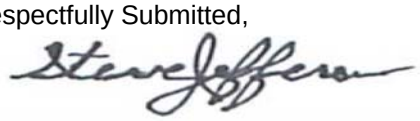
Attention: Ric Vardel
Report Date: 17-Dec-18 16:28
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18L0516-01) Collected: 11-Dec-18 By IPC						
pH	SM4500-H-B	AL81240	0.1	11-Dec-18 (JC)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AL81234	0.05	12-Dec-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AL81143	1.8	14-Dec-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AL81143	1.8	14-Dec-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 12/17/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18LO516

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: JULIO LEDEZ	P.O. #:
Irvine	CA 92618	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	12-11-18	11:45	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
	〃	〃	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

~~Geotracker EDD:~~
Logcode: IPCI
Global ID: WDR100000359

Signature	Print Name (Company)	Date	Time
Relinquished by	JULIO LEDEZ	12-11-18	
Received by		12/11/18	1215
Relinquished by		12/11/18	1450
Received by			
Relinquished by			
Received in lab by	PL	12-11-18	1450

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? (Yes) No

Samples intact? (Yes) No

Samples properly preserved? (Yes) No

Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
(C) Grab Comp	HC - HCl HS - H_2SO_4
Matrix (AQ) - Water SO -Soil / Sludge OT - Other	HN - HNO_3 HP - H_3PO_4 OH - NaOH
Bottle Type (P) Plastic G - Amber Glass VOA - 40 ml Vial Coli - bacteria	ST - Sodium Thiosulfate AA - Ascorbic Acid Al - $AlCl_3$ Cu -$CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined in each case under the following Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the Client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), EA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Governing Agreement

Client and PCL agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally except to the extent the Terms are modified in writing and signed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform its services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence unless such information is generally available to the public or is in the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such data where such standard was employed. PCL reports and information provided hereunder are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs, or other know-how.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, successors and parent companies ("collectively agents") any and all liabilities, losses or damages, claims, demands, causes of action, suits and costs (including reasonable attorneys' fees) including, without limitation, those arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials 1. injury, sickness or death of persons, 2. loss of, damage to, loss of, or loss of use of property and/or 3. financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall not directly apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence or breach of contract by any indemnified person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability (including fines) imposed on client on PCL and the other indemnified persons. To the extent necessary under applicable law, client agrees that its indemnity obligations will be supported by available liability insurance coverage to be carried by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption. Litigation Expenses or other fees including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any legal effort against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any Hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect on the date of operations on the date the services were rendered or with a price quotation letter confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of all charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by law or as may be otherwise provided by any amount owed to the extent not paid when due shall be subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. Payment of monies owed shall be through legal proceedings or by an attorney. The client shall pay reasonable costs and attorney's fees of PCL's, but associated with such collection proceedings or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be valid only if in writing and executed by an officer of PCL and by client, authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender, or the qualification to or participating with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of services that are delivered on weekends or after 5pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 36 hours of the PCL to meet holding times without applying a rush surcharge. All short holding times, 3-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria testing) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been outlined on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be processed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

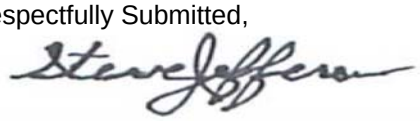
Attention: Ric Vardel
Report Date: 17-Dec-18 16:30
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18L0554-01) Collected: 12-Dec-18 By IPC						
pH	SM4500-H-B	AL81312	0.1	12-Dec-18 (JC)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AL81311	0.05	13-Dec-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AL81233	1.8	14-Dec-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AL81233	1.8	14-Dec-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 12/17/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1810554

Customer: IPC, Inc.		Project : **(MCC) Daily EFF**	
Address: 9297 Research Drive		Sampled by: C. A.	P.O. #:
Irvine	CA 92618	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	12/12/18	1010	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

~~Geotracker EDD:~~
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by	C. A.	Carlos Rivera (PC)	12/12/18	
Received by	[illegible]	[illegible]	12/12/18	1200
Relinquished by	[illegible]	[illegible]	12/12/18	1500
Received by				
Relinquished by				
Received in lab by		PC	12/12/18	1500

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Matrix	Bottle Type
Grab	AQ - Water	P - Plastic
Comp	SO - Soil / Sludge	G - Amber Glass
	OT - Other	VOA - 40 ml Vial
		Coli - bacteria

Preservations

HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all its duties.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following Chemical Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may place services by submitting a written order of custody (COC) to PCL. Any such order constitutes is an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the US Environmental Protection Agency (EPA), CA Water board (LEAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or to the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any applicable required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such data which was not used and was disclosed PCL's records and data will be provided (mainly) for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any other data or information to any technical, software programs or other format used.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all claims, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to, all court fees, filing fees, expert and attorney fees arising in favor of Client or any third party as a result of, and/or in any way, arising related to, prior to or due to, or in connection with the performance of services by PCL pursuant to this agreement and/or client's terms, handling or disposal of client's hazardous materials. 1. Injury, disease or death of persons 2. Loss of, damage to or use of use of property and/or 3. Errors or loss of every kind of character. This indemnity shall not apply to any of the foregoing losses, costs, damages or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to, assert, claims, damages, actions of every kind and character, arising out of or in connection with the negligence, error, fault or conduct by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage, to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption. Litigation expenses or other fees (including, without limitation, attorney's fees, court costs, and the cost of pre-judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or as otherwise provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, biological or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL's policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of as unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or as otherwise quoted and/or confirmed in writing. The price schedule is subject to change at any time without notice. Payment is due and owing when services are completed or required for all new clients or until a history of payment and/or credit approval has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH unless thirty (30) days from date of invoice. To the fullest extent permitted by law, in addition to any amount unpaid at the end of thirty (30) days, subject to interest at the lesser of the maximum rate permitted by law in effect and one and half percent (1.5%) per month on the unpaid balances. If unpaid amounts are referred through legal proceedings or by an attorney, client shall pay reasonable costs and attorney's fees or agency fees associated with such collection proceedings or efforts.

13. Agreement Modification

Changes in addendums or amendments to the Terms shall be effective only if in writing and executed by an officer of PCL and by client, and thereafter no oral modification, waiver, or subsequent orders for additional services shall be binding unless in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for its own benefit, and not as agent or trustee, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third parties may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 2pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 24 hours or less (bacteria and Chlorine) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only, pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up of sampling might be assessed as additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

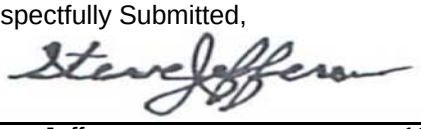
Attention: Ric Vardel
Report Date: 17-Dec-18 16:32
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18L0599-01) Collected: 13-Dec-18 By IPC						
pH	SM4500-H-B	AL81414	0.1	13-Dec-18 (JC)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AL81413	0.05	14-Dec-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AL81310	1.8	15-Dec-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AL81310	1.8	15-Dec-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 12/17/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1810599

Customer: IPC, Inc.		Project : (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by:	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	12/13/18	1015	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Rivera (3PE)	12/13/18	
Received by			12/13/18	1300
Relinquished by			12/13/18	1420
Received by				
Relinquished by				
Received in lab by			12/13/18	1430

Sample Received Checklist

Temperature upon receipt: 9°C

# of bottles agrees with COC?	Yes	No
Samples intact?	Yes	No
Samples properly preserved?	Yes	No
Samples in holding time?	Yes	No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined hereinafter) under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing, which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or disposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and information maintained, created by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL maintains the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereon are for the exclusive use and benefit of client and client agrees that shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any terms therein including methods, software, price and/or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, costs and associated expenses, including but not limited to attorneys fees, resulting from, happening and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of or in connection with the performance of services by PCL pursuant to this agreement, prior, concomitant to handling or disposal of client's natural or materials. It is agreed that in the event of pending or threat of damage to, loss of, or loss of use of property and/or injury, illness or loss of any kind of character, PCL reserves the right to notify any of the foregoing listed, costs, damages or losses caused solely by the gross negligence or willful misconduct of PCL, or its employees. Further, the indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any Indemnified Person, whether active or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other Indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption, litigation expenses or other fees (including, without limitation, attorneys fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples or materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analyses, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of operations or the date the services were rendered or as the parties agree and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoice. To the fullest extent permitted by law or applicable law, any amount unpaid at the end of thirty (30) days shall be subject to interest at the lesser of (i) the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid accounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client or authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to or relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any securities, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any sampling being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. On short holding times 1-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short holding Times of 48 hours or less (historically 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noticed on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

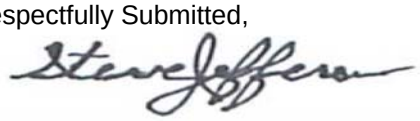
Attention: Ric Vardel
Report Date: 17-Dec-18 16:34
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18L0646-01) Collected: 14-Dec-18 By IPC						
pH	SM4500-H-B	AL81530	0.1	14-Dec-18 (JC)	7.6 pH Units	
Residual Chlorine	SM 4500 Cl-G	AL81528	0.05	15-Dec-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AL81415	1.8	16-Dec-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AL81415	1.8	16-Dec-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 12/17/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18L0646

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: C. Q	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	12/14/18	1040	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
			~~1~~	~~BOD~~	~~Grab~~	~~AQ~~	~~1L P~~	~~4°C~~	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD: Logcode: IPCI Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by: C. Q	Carlos Alvarado (SRE)	12/14/18	
Received by		12/14/18	1220
Relinquished by		12/14/18	1500
Received by			
Relinquished by			
Received in lab by			

Sample Received Checklist

Temperature upon receipt: 3°C

# of bottles agrees with COC? ~~Yes~~ No

Samples intact? ~~Yes~~ No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu -$CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services as defined herein only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.
The Client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.
The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.
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8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has filed to pay PCL for all services rendered, or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL does use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of samples where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not duplicate any third party any information concerning technical information, software programs or other trade secrets.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, successors and assigns harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses, including, but not limited to attorneys fees (litigation Expenses) and expert fees arising in favor of Client or any third party as a result of, and/or in any way assuming resulting or arising out of or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. injury, disease or death of persons 2. Loss of, damage to, loss of, or loss of use of property and or 3. Financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to client. Client does agree, actions of every kind and charges by arising out of or in connection with the negligence of or breach of contract by any indemnified person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive special, incidental or consequential damages including, without limitation, loss of profit or business interruption) Litigation Expenses or collection fees (including, without limitation, attorneys fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

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13. Agreement Modification

Changes, additions or amendments to the Terms shall be effective only if in writing and executed by an officer of PCL and by client or authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less' samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

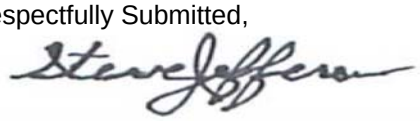
Attention: Ric Vardel
Report Date: 28-Dec-18 12:35
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18L0663-01) Collected: 15-Dec-18 By IPC						
pH	SM4500-H-B	AL81934	0.1	15-Dec-18 (JC)	7.6 pH Units	
Residual Chlorine	SM 4500 Cl-G	AL81633	0.05	16-Dec-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AL81529	1.8	17-Dec-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AL81529	1.8	17-Dec-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 12/28/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1810663

Customer: IPC, Inc.		Project : (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: R. VARDEL	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	12/15	10:10	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
11	11	4	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by		Ric VARDEL (IPC)	12/15	16:15
Received by				
Relinquished by	Jose L Gomez	Jose L Gomez	12/15/18	1050
Received by				
Relinquished by				
Received in lab by		Jordan Corkery	12/15/18	12:42

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Sample Received Checklist

Temperature upon receipt: _____
# of bottles agrees with COC? Yes No
Samples intact? Yes No
Samples properly preserved? Yes No
Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____
Final Flow _____

Sample Type	Preservations
Grab	**HC** - HCl
Comp	**HS** - H_2SO_4
Matrix	**HN** - HNO_3
AQ - Water	**HP** - H_3PO_4
SO -Soil / Sludge	**OH** - NaOH
OT - Other	**ST** - Sodium Thiosulfate
Bottle Type	**AA** - Ascorbic Acid
P - Plastic	**Al** - $AlCl_3$
G - Amber Glass	**Cu** -$CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or released from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The Client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "Services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

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PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (LLAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

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Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

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The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such data when such disclosure was otherwise made. PCL reports and information provided thereunder are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information given. Client will not disclose to any third party any proprietary sampling technical information, software programs or other methodologies.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates successors and parent harmless from and against any and all claims, losses or damages, claims, demands, causes of action, judgments, consultant expenses, including, but not limited to, attorney fees (the "Litigation Expenses") and costs arising in favor of Client or any third party as a result of, or in connection in with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials; 1. injury, disease or death of persons; 2. loss of, damage to, loss of, or loss of use of property; and/or 3. financial loss of every kind of client. This indemnity does not apply to any of the foregoing losses, suits, damages or expenses caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, settlement sums and expenses arising out of or in connection with any negligence or breach of contract by the indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption. Litigation Expenses in addition, without limitation, attorney's fees, court costs, and /or pre or post judgment interest, or any other payments or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any Hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analyses, client will be charged a sample disposal fee per sample submitted, as in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect for the date of operations on the date the services were rendered or as the prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance and/or credit card payment is required for all new clients or until a history of payment and/or credit is established with PCL. For those clients with an established credit account, the terms for payment of charges are NET 30 days from the date of invoice, unless otherwise specified. To the fullest extent permitted by law or applicable law, any amount unpaid in thirty (30) days from the invoice date shall be subject to interest at the rate of 1.5% per month (or the highest rate permitted by law, if less) on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay all reasonable costs and attorney's fees or agents' fees associated with such collection proceedings or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only if in writing and executed by an officer of PCL and by client authorized representative. Except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is retaining services exclusively for his own account, and not as agent, trustee, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information or reports are not provided, or shall be used to relied upon, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any securities, the securing, amendment, renewal, or extension of any loan from any financial institution or other review or the certification to or certifying with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any and whatever reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 5pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short holding times of 48 hours or less (excepting 24 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been outlined on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

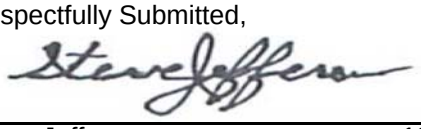
Attention: Ric Vardel
Report Date: 28-Dec-18 12:38
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18L0667-01) Collected: 16-Dec-18 By IPC						
pH	SM4500-H-B	AL81934	0.1	16-Dec-18 (JC)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AL81731	0.05	17-Dec-18 (PL)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AL81632	1.8	18-Dec-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AL81632	1.8	18-Dec-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 12/28/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1820667

Customer: IPC, Inc.		Project: (MCC) Daily EFF JULIO LEAL	
Address: 9297 Research Drive		Sampled by: Ric Vardel / Golan Kfir	P.O. #: 949-382-9067
Irvine CA 92618		Report Attention:	Phone #:

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	12-16-18	08:40	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.50/16.5°
	/	/	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

Signature	Print Name (Company)	Date	Time
Relinquished by	JULIO LEAL	12-16-18	12:45
Received by	Jordan Corkery	12/16/18	12:45
Relinquished by			
Received by			
Relinquished by			
Received in lab by	Jordan Corkery	12/16/18	1407

Sample Received Checklist

Temperature upon receipt: _____
# of bottles agrees with COC? Yes No
Samples intact? Yes No
Samples properly preserved? Yes No
Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____
Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu -$CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat Chem Laboratories (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed on a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM) Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the audited amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

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The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

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10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, costs and associated expenses, including, but not limited to, all court fees (the obligation Expenses) and awards arising in favor of Client or any third party, as a result of, and/or in any way occurring, incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling, or disposal of client's hazardous materials, 1. injury, disease or death of persons, 2. loss of, damage to, loss of, or loss of use of property and or 3. claims of any of every kind or character. This indemnity obligation applies to all the foregoing losses, costs, damages or injuries caused solely by the acts, negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims from any, actions of, ever client and shall be arising out of or in connection with the negligence or the breach of contract by the Indemnified Person, whether active or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise incur or have to PCL and the other indemnified persons. To the extent necessary to the additional law, Client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) Litigation Expenses or other fees including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

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15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2/7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

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All pick up/sampling fees have been noted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

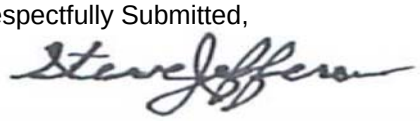
Attention: Ric Vardel
Report Date: 28-Dec-18 12:40
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18L0682-01) Collected: 17-Dec-18 By IPC						
pH	SM4500-H-B	AL81934	0.1	17-Dec-18 (JC)	7.6 pH Units	
Residual Chlorine	SM 4500 Cl-G	AL81823	0.05	18-Dec-18 (PL)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AL81744	1.8	19-Dec-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AL81744	1.8	19-Dec-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 12/28/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1810682

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: C. D.	P.O. #:
Irvine	CA 92618	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	12/17/18	1050	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
1	1	1	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

~~Geotracker EDD:~~
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by	C. D.	Carlos Alvarez (IPC)	12/17/18	
Received by	[illegible]	[illegible]	12/17/18	1215
Relinquished by	[illegible]	[illegible]	12/17/18	1300
Received by				
Relinquished by				
Received in lab by			12.17.18	1300

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Matrix	Bottle Type
Grab	AQ - Water	P - Plastic
Comp	SO - Soil / Sludge	G - Amber Glass
	OT - Other	VOA - 40 ml Vial
		Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No boilerplate or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Water Board (TEAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of confidential information where such standard was followed. PCL reports and other data provided thereunder are for the exclusive use and benefit of client and only client shall be the third party beneficiary of such reports, data or information. Client will not sell or use any third party any information that is not in technical publication, software or presentation or other form created.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and all costs and expenses including, but not limited to all court fees and litigation expenses) and expenses arising in favor of Client or any third party as a result of, arising in any way out of or incidental to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or storage, testing, handling or disposal of client's hazardous materials, 1. injury, disease or death of persons 2. loss of, damage to, loss of, or loss of use of property and/or 3. financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages or liabilities caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims and causes of action of every kind and character for arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, Client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by Client, which insurance shall be in the maximum amounts permitted under applicable law, in no event shall PCL be liable to client for indirect, punitive special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic materials, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at Client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of each event on the date the services were rendered or such prices quoted and later confirmed in writing. The price schedule is subject to change at any time at PCL's discretion. Payment in advance or credit approval is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are Net Cash within thirty (30) days from date of invoice. To the fullest extent permitted by law and by applicable law, any amount owed is overdue if thirty (30) days is subject to interest at the lesser of 1% per month or the maximum rate permitted by law at time and simple percent (1.5%) per month on the unpaid balance. If unpaid accounts are referred to an attorney or collection agency, the client shall pay all reasonable costs and attorney's fees or agency fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the Terms shall be effective only if in writing and executed by an officer of PCL and the client without any modification, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client is accepting services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants and agrees that such data, information and reports are not requested, or shall not used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged at all times. If, for any, unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 5pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times (2-7 days), samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (routine 4-5 hours) must be delivered that same day to ensure guaranteed holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 28-Dec-18 12:30
Subject: (MCC) Weekly EFF

Project/P.O.#: (MCC) Weekly EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18L0681-01) Collected: 17-Dec-18 By IPC						
Ammonia as N	EPA 350.1	AL81830	0.10	18-Dec-18 (SGS)	0.14 mg/l	
Biochemical Oxygen Demand	SM 5210B	AL81829	2	23-Dec-18 (EG)	<2 mg/l	
Nitrate as N	EPA 353.2	AL81826	0.20	18-Dec-18 (LA)	5.85 mg/l	
Nitrite as N	EPA 353.2	AL81826	0.02	18-Dec-18 (LA)	0.06 mg/l	
Total Kjeldahl Nitrogen	EPA 351.2	AL81927	0.10	20-Dec-18 (LA)	0.60 mg/l	
Total Suspended Solids	SM 2540D	AL81837	1	19-Dec-18 (EA)	<1 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 12/28/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1810681

Customer: IPC, Inc.		Project : (MCC) Weekly EFF	
Address: 9297 Research Drive		Sampled by: C. Q.	P.O. #:
Irvine	CA 92618	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	12/17/18	1050	1	TSS	Grab	AQ	1L P	4°C	
			1	NH4, TKN	Grab	AQ	500 P	HS	
			1	NO2, NO3	Grab	AQ	500 P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	
Geotracker EDD: Logcode: IPCI Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by	C. Q.	Carlos Rivera (PC)	12/17/18	
Received by	EB	Carlos	12/17/18	1215
Relinquished by	EB	Carlos	12/17/18	1300
Received by				
Relinquished by				
Received in lab by		V/L	12/17/18	1300

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? (Yes) No

Samples intact? (Yes) No

Samples properly preserved? (Yes) No

Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Matrix	Bottle Type	Preservations
~~Grab~~ Comp	~~AQ~~ - Water	P - Plastic	HC - HCl
	SO -Soil / Sludge	G - Amber Glass	HS - H_2SO_4
	OT - Other	VOA - 40 ml Vial	HN - HNO_3
		Coli - bacteria	HP - H_3PO_4
			OH - NaOH
			ST - Sodium Thiosulfate
			AA - Ascorbic Acid
			Al - $AlCl_3$
			Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the Price Schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), EA Waterboard (STAAF), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or in the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care with data or information it owns confidential data and shall not be responsible for unauthorized disclosure of such data where such standard was used and PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of any reports, data or information. Client will not disclose to any third party any information including technical information, software, program or other information.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, expenses, fines, fees and costs (collectively, including, but not limited to, all court fees, litigation expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way resulting in part or in whole from, or in connection with the performance of services by PCL pursuant to this agreement and/or shipping/storage, handling or disposal of client's hazardous materials. 1. Injury, disease or death of persons 2. Loss of, damage to, loss of, or loss of use of property and/or 3. Financial loss of every kind or character. PCL indemnity does not apply to any of the foregoing losses, costs, damages or claims caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions or suits that are based on, arising out of or in connection with the negligence of or breach of contract by any Indemnified Person, whether active or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, Client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive special, incidental or consequential damages including, without limitation, loss of profit or business interruption, Litigation Expenses or other fees including, without limitation, attorney's fees, court costs, and for pre or post judgment interest, or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples of materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at Client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of operations or the date the services were rendered or, with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or other conditions considered required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by or as will by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees for same. Fees are billed in addition to cost for time spent and/or effort.

13. Agreement Modification

Changes, modifications or amendments to the terms set forth in this agreement shall be executed in writing and signed by an authorized representative of PCL and by client, and/or client's representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL to client. In using services hereunder for the benefit, account, and for as agent or broker, or in any other representative capacity for any other person or entity, it is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not assigned, or shall be used to record upon, in connection with or as part of, the purchase, sale, underwriting, or solicitation of any securities, any periodic or other reporting to the holders of any securities, the securing, amendment, renewal, or extension of any loans from any financial institution or other lender or the solicitation to or contracting with directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 2pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less (samples must arrive within 96 hours to allow PCL to meet holding time) without applying a rush surcharge. All short holding times 2-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (process less hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

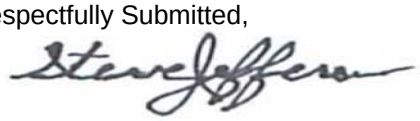
Attention: Ric Vardel
Report Date: 28-Dec-18 12:28
Subject: (MCC) Weekly INF

Project/P.O.#: (MCC) Weekly INF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
INF (Sample I.D.# : 18L0684-01) Collected: 17-Dec-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AL81829	2	23-Dec-18 (EG)	403 mg/l	
Total Suspended Solids	SM 2540D	AL81837	1	19-Dec-18 (EA)	127 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 12/28/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18L0684

Customer: IPC, Inc.		Project : (MCC) Weekly INF	
Address: 9297 Research Drive		Sampled by: JULIO LEAL	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
INF	12-17-18	11:50	1	TSS	Grab	AQ	1L P	4°C	
	1	1	1	BOD	Grab	AQ	1L P	4°C	
Geotracker EDD: Logcode: IPCI Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	JULIO LEAL	12-17-18	
Received by	[illegible]	12/17/18	1715
Relinquished by	[illegible]	12/17/18	1300
Received by			
Relinquished by			
Received in lab by	[illegible]	12-17-18	1300

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type: Grab, Comp

Matrix: AQ - Water; SO - Soil / Sludge; OT - Other

Bottle Type: P - Plastic; G - Amber Glass; VOA - 40 ml Vial; Coli - bacteria

Preservations: HC - HCl; HS - H_2SO_4; HN - HNO_3; HP - H_3PO_4; OH - NaOH; ST - Sodium Thiosulfate; AA - Ascorbic Acid; Al - $AlCl_3$; Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The client may order services by submitting a written order or facsimile (FAX) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (LEAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has filed to pay PCL for all services rendered, or is otherwise in breach of the agreement) subject to any disclosure required by law or court process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data when such standard was observed. PCL reports and information provided thereunder are for the exclusive use and benefit of client and PCL agrees that it shall not be a third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software, processes or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and reasonable expenses relating, but not limited to attorneys fees (including Paternity and awards arising in favor of Client or any third party as a result of, and/or in any way occurring, incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. injury, distress or death of persons 2. loss of, damage to, loss of, or loss of use of property and 3. financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages or liability caused solely by the gross negligence or wilful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims causes, actions of every kind and nature whether arising out of or in connection with the negligence of or breach of contract by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other Indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive special, incidental or consequential damages including, without limitation, loss of profit or business interruption. Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and pre or post judgment interest), or any other expenses or costs incurred by client or any other party, in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, Bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, State or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portion of samples as specified by client or by PLT's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of negotiations or the date the services were rendered or, with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of prompt and/or satisfactory business has been established with PCL. For those clients with an established credit account, the terms of payment of charges are NET CASH within thirty (30) days from dated of invoices. To the fullest extent permitted by law, all past due accounts shall be subject to interest at the rate of the maximum rate permitted by law, or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client or debtor agrees to pay all costs and attorney's fees (if applicable) associated with such collection proceedings or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only if in writing, and executed by an officer of PCL and by client or authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested or solicited or used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or continuation of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the satisfaction to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times 2-7 days, samples must arrive at the laboratory 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (preferably 24 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

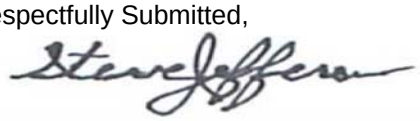
Attention: Ric Vardel
Report Date: 28-Dec-18 12:42
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18L0723-01) Collected: 18-Dec-18 By IPC						
pH	SM4500-H-B	AL81934	0.1	18-Dec-18 (JC)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AL81933	0.05	19-Dec-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AL81834	1.8	20-Dec-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AL81834	1.8	20-Dec-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 12/28/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1820723

Customer: IPC, Inc.		Project : (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: C.	P.O. #:
Irvine	CA 92618	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	12/18/18	1050	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

~~Geotracker EDD:~~
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by	C.	Carlos Alvarez	12/18/18	
Received by	EG	Grant	12/18/18	1230
Relinquished by	EG	Grant	12/18/18	1500
Received by				
Relinquished by				
Received by in lab by		PC	12-18-18	1500

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab Comp	HC - HCl HS - H_2SO_4 HN - HNO_3 HP - H_3PO_4 OH - NaOH ST - Sodium Thiosulfate AA - Ascorbic Acid AI - $AlCl_3$ Cu - $CuSO_4$
Matrix AQ - Water SO - Soil / Sludge OT - Other	
Bottle Type P - Plastic G - Amber Glass VOA - 40 ml Vial Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or replaced from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at Client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data when such standard was observed. PCL reports and information provided therein are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software, procedures or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses, including, but not limited to court fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring, incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, sickness or death of persons 2. loss of, damage to, loss of, or loss of use of property and/or 3. Degradation of environment of character. This indemnity does not apply to any of the foregoing losses, costs, damages or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary and/or applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post-judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any Hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when services completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoice. To the fullest extent permitted by at all the applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the rate of the maximum rate permitted by law or one and one half percent (1 1/2) per month on the unpaid balances. If unpaid accounts are collected through legal proceedings or by an attorney, the client shall pay reasonable collection costs and attorney's fees or agency fees associated with such collection proceedings or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client's authorized representative. Except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not published, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any securities, the securing, assumption, renewal, or extension of any loan from any financial institution or other lender or the participation in or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any valid/good reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 2pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, (7 days, samples must arrive at the lab within 24 hours before expiration to invoice that the holding times can be met. Short Holding Times of 48 hours or less (Bacteria 30 hours) must be delivered that same day in order to guarantee holding times is met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

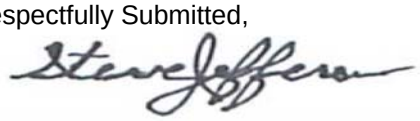
Attention: Ric Vardel
Report Date: 28-Dec-18 12:47
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18L0768-01) Collected: 19-Dec-18 By IPC						
pH	SM4500-H-B	AL82117	0.1	19-Dec-18 (JC)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AL82025	0.05	20-Dec-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AL81932	1.8	21-Dec-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AL81932	1.8	21-Dec-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 12/28/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1820768

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field (Lab)
EFF	12/19/18	0900	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.24 CC
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	7.40

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	12/19/18	
Received by	EB	Eu and	12/19/18	1230
Relinquished by	EB	Eu and	12/19/18	1400
Received by				
Relinquished by				
Received in lab by		PL	12/19/18	1400

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab Comp	HC - HCl HS - H_2SO_4 HN - HNO_3 HP - H_3PO_4 OH - NaOH ST - Sodium Thiosulfate AA - Ascorbic Acid Al - $AlCl_3$ Cu - $CuSO_4$
Matrix AQ - Water SO - Soil / Sludge OT - Other	
Bottle Type P - Plastic G - Amber Glass VOA - 40 ml Vial Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments/deviations which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.
The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound to these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services more than 5 days after the Client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions proposed in a Client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.
For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability_

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are substantially consistent with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public, or is the property of others duly filed to pay PCL for all services rendered or is otherwise in breach of the agreements subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such data where such standard was observed. PCL reports and information is solely intended for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any proprietary information concerning technical information, software programs or other know-how.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, fines and assessments (including, but not limited to, attorneys' fees (the Litigation Expenses)) and costs arising in favor of Client or any third party as a result of, and/or in any way arising, incident, resulting out of, or in connection with the performance of services by PCL pursuant to this agreement with or transportation, handling or disposal of client's hazardous materials, 1. injury, sickness or death of persons 2. Loss of, damage to, loss of, or misuse of use of property, and/or 3. Fire and loss of every kind and description. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to claims, demands, actions, all kinds of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the Client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, Client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by Client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive special, incidental or consequential damages including, without limitation, loss of profit or business interruption. Litigation Expenses or other fees including, without limitation, attorney's fees, court costs, and for pre or post judgment interest, or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified persons in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples and materials for analyses such as asbestos, pentachlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local law, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any the foregoing ("Hazardous Materials"). Client understands and agrees that any Hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of operations on the date the services were rendered or with terms quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or other security is considered to be due for all services or until a history of payment and/or credit worthiness has been established with PCL. If a client wishes to open an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To be future extent payment of all or any applicable due any amount appears in the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or expenses fees associated with such collection proceedings efforts.

13. Agreement Modification

Changes, modifications or amendments to this agreement will be effective only if in writing and executed by an officer of PCL and by client's authorized representative, except that subsequent changes for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is hereby and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any securities, the securing, amendment, renewal, or extension of any loan from any financial institutions or other lender or the classification by or concerning with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of services that are delivered on weekends or after 2pm on weekdays without prior notification and acceptance. Standard holding times and charges could not should be reviewed or up to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short holding times of 48 hours or less (Coliform & 24 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least Forty (30) days after analysis has been completed. Sample storage for longer period is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

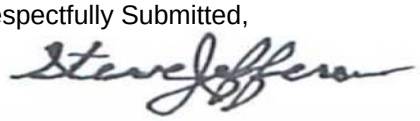
Attention: Ric Vardel
Report Date: 28-Dec-18 12:49
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18L0803-01) Collected: 20-Dec-18 By IPC						
pH	SM4500-H-B	AL82117	0.1	20-Dec-18 (JC)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AL82116	0.05	21-Dec-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AL82020	1.8	22-Dec-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AL82020	1.8	22-Dec-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 12/28/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1820803

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: C. D	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field (Lab)
EFF	12/20/18	1010	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.39/19.1°C
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

~~Geotracker EDD:~~
Logcode: IPCI
Global ID: WDR100000359

Signature	Print Name (Company)	Date	Time
Relinquished by	Carlos Alvarez (IPC)	12/20/18	1426
Received by	MARIO SANTIESTEBAN (PCL)	12/20/18	1426
Relinquished by	MARIO SANTIESTEBAN (PCL)	12/20/18	1730
Received by			
Relinquished by			
Received in lab by	MIL	12-20-18	1730

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC?	Yes	No
Samples intact?	Yes	No
Samples properly preserved?	Yes	No
Samples in holding time?	Yes	No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	HC - HCl
Comp	HS - H_2SO_4
Matrix	HN - HNO_3
AQ - Water	HP - H_3PO_4
SO - Soil / Sludge	OH - NaOH
OT - Other	ST - Sodium Thiosulfate
Bottle Type	AA - Ascorbic Acid
P - Plastic	Al - $AlCl_3$
G - Amber Glass	Cu - $CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The Client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes (i) an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and (ii) an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or to the public domain, or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized divulgence of said data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, costs and associated expenses including, but not limited to, all court fees (the litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way arising, incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, (i) injury, disease or death of persons (2) loss of, damage to, loss of the use of property, and/or (3) financial loss of every kind or description. This indemnity shall not apply to any of the foregoing losses, costs, damages or attorney fees arising solely from the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of any kind and character arising out of or in connection with the negligence of or breach of contract by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client may otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental, or consequential damages including, without limitation, loss of profits or business interruption, Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or any services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, Dioxins or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any Hazardous Material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any lab bacterial analysis, shall will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations in the state the services were rendered or such prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or within interval as otherwise is required for all services of clients who's history of payment and/or credit is not been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by law and applicable statutory amount owed, as the end of thirty (30) days is subject to interest at the lesser of (i) the maximum rate permitted by law, or (ii) one and one-half percent (1.5%) per month on the past due balances. If unpaid amounts are collected through a proceeding or by an attorney, the prevailing party reasonable costs and attorney's fees or expenses associated with such collection procedures or efforts.

13. Agreement Modification

No waiver, modifications or amendments to the terms shall be effective unless and executed by an officer of PCL and by client's authorized representative, which shall subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL to Client or Client's lending entities, investors for business purposes, and not as agent of PCL, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants and agrees that said data, information and reports are not requested, or shall be used to resell same, or in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other holder of the certification to or contracting with any city or county, or any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any subsequent reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and concurrence. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times 2-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (expires 48 hours) must be delivered must same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) Days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

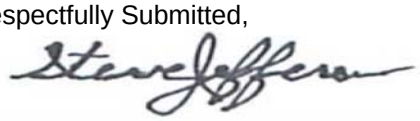
Attention: Ric Vardel
Report Date: 28-Dec-18 12:52
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18L0820-01) Collected: 21-Dec-18 By IPC						
pH	SM4500-H-B	AL82230	0.1	21-Dec-18 (JC)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AL82229	0.05	22-Dec-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AL82113	1.8	23-Dec-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AL82113	1.8	23-Dec-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 12/28/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1810820

Customer: IPC, Inc.		Project : **(MCC) Daily EFF**	
Address: 9297 Research Drive		Sampled by:	P.O. #:
Irvine	CA 92618	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	12/21/18	0915	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.45/17.5°C
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

Signature	Print Name (Company)	Date	Time
Relinquished by	Carlos Alvarez (IPC)	12/21/18	1028
Received by	MARIO SANTIESTEBAN (PCL)	12/21/18	1028
Relinquished by	MARIO SANTIESTEBAN (PCL)	12/21/18	1135
Received by			
Relinquished by			
Received in lab by		12/21/18	1152

Sample Received Checklist

Temperature upon receipt: Ice

# of bottles agrees with COC?	Yes	No
Samples intact?	Yes	No
Samples properly preserved?	Yes	No
Samples in holding time?	Yes	No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any addendums or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes it, an acceptance by the client of PCL's offer to do business with the client under the terms and condition and it, an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's instrument shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM) Association of Official Analytical Chemists (AOAC) Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made in a basis consistent with the recognized standards of the industry and/or PCL standard operating procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or representatives to client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal relieves PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel perform the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the scope and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered, cost of pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of confidential information (standard was corrupted PCL reports are information provided therein are for the exclusive use and benefit of client and PCL agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software, programs or other know-how.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and attorneys expenses, including but not limited to all court fees, costs, judgment expenses and awards arising in favor of Client, or any third party as a result of, and/or in any way resulting in, client to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, disease or death of persons 2. Loss of, damage to, loss of, misuse of use of property, and or 3. Financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages or claims caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive special, incidental or consequential damages including, without limitation, loss of profit or business interruption. Litigation expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post-judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples or materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client, understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any lab bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client to pay PCL in accordance with PCL's applicable price schedule in effect in the area of operation on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit is established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, an amount equal to the end of thirty (30) days in arrears to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall reimburse costs and attorney's fees or agents' fees associated with such collection procedure as effects.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only if in writing and executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be placed in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client or anyone who purchases for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity, is to agree and acknowledge that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the negotiation, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. A reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

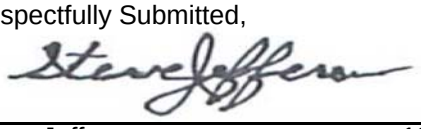
Attention: Ric Vardel
Report Date: 28-Dec-18 12:54
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18L0827-01) Collected: 22-Dec-18 By IPC						
pH	SM4500-H-B	AL82231	0.1	22-Dec-18 (JC)	7.6 pH Units	
Residual Chlorine	SM 4500 Cl-G	AL82334	0.05	23-Dec-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AL82226	1.8	24-Dec-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AL82226	1.8	24-Dec-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 12/28/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1810827

Customer: IPC, Inc.		Project : **(MCC) Daily EFF**	
Address: 9297 Research Drive		Sampled by: Golan Kfir	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	12/22/18	8:10	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

~~Geotracker EDD:~~
Logcode: IPCI
Global ID: WDR100000359

Signature	Print Name (Company)	Date	Time
Relinquished by: GK	Golan IPC	12/22/18	1050
Received by:			
Relinquished by: Jose L Gomez	Jose L Gomez	12-22-18	1050
Received by:			
Relinquished by:			
Received in lab by:	Jordan Corkery	12/22/18	12:54

Sample Received Checklist

Temperature upon receipt: _____

# of bottles agrees with COC?	Yes	No
Samples intact?	Yes	No
Samples properly preserved?	Yes	No
Samples in holding time?	Yes	No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its clients, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing, which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S Environmental Protection Agency (EPA), CA Waterboard (CLAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is in the public domain or client has told to pay PCL for all services rendered, or is otherwise in breach of the agreement subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized release of such data where such standard was observed. PCL reports and information provided thereunder are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software, programs or other methodology.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses, damages, claims, demands, causes of action, costs and associated expenses, including, but not limited to, attorney's fees, litigation expenses and experts' arising in favor of Client or any third party, as a result of, and/or in any way relating, incidental, directly or indirectly to the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, disease or death of persons 2. loss of, damage to, loss of, or loss of use of property, and/or 3. financial loss of every kind or character. This indemnity shall extend to any of the foregoing losses, costs, damages or liabilities caused by the sole negligence or willful misconduct of PCL or its employees, further, this indemnity shall specifically apply to claims, claims, damages, actions of every kind and character arising out of or in connection with the negligence in whole or in part of contract by any represented person, whether active or alleged in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client may have or incur to PCL and the other indemnified persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post-judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or the services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analytes such as asbestos, polychlorinated biphenyls, bacteria and other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any Hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or as otherwise quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when delivery is completed is required for all new clients or until a history of payment and/or credit is established with PCL. For those clients with an established credit account, the terms for payment of charges are NET DATE within thirty (30) days from date of invoice. To the fullest extent permitted by law, all to be invoiced by any amount unpaid in the event of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law of use and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through an attorney or by an attorney, the client shall pay reasonable costs and attorney's fees be added from and to the amounts collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by the representative that executive, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is dealing exclusively for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on claim any information or reports. Client represents, warrants, and agrees that no data, information and reports are not requested, or shall be used to relied upon in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any permits, or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because if samples that are delivered on weekends or after 5pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analytes with holding times of 24 days or less, samples must arrive within 36 hours to allow PCL to meet holding times without applying a rush surcharge. For client holding times of 7 days, samples must arrive at the laboratory 48 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (typically 6-8 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional such fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been listed on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be accepted an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

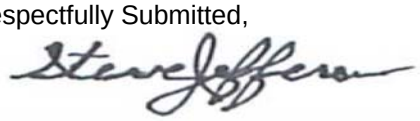
Attention: Ric Vardel
Report Date: 28-Dec-18 12:56
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18L0831-01) Collected: 23-Dec-18 By IPC						
pH	SM4500-H-B	AL82333	0.1	23-Dec-18 (JC)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AL82334	0.05	23-Dec-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AL82329	1.8	25-Dec-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AL82329	1.8	25-Dec-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 12/28/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1820831

Customer: IPC, Inc.		Project : (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by:	P.O. #:
Irvine	CA 92618	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field (Lab)
EFF	12/23/18	0825	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.50/18.3°C
1	1	1	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	12/23/18	1230
Received by		Jordan Corkery	12/23/18	1230
Relinquished by				
Received by				
Relinquished by				
Received in lab by		Jordan Corkery	12/23/18	1347

Sample Received Checklist

Temperature upon receipt: _____

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order service by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public, or to the public domain or client has failed to pay PCL for all services rendered or outstanding in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standards of care it uses in protecting its own confidential data and shall not be responsible for unauthorized photocopying of such data, where such standard was observed. PCL reports and information provided hereunder are for the exclusive use and benefit of client and client agrees that shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other know-how.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, successors and parent harmless from and against any and all claims, losses or damages, liens, demands, causes of action, costs and expenses (reasonable attorneys' fees and investigation costs), fines, litigation, expenses and awards arising in favor of Client or any third parties as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to the agreement and/or representations, handling or disposal of client's hazardous materials, 1. injury, disease or death of persons 2. loss of, damage to, loss of, or loss of use of property and/or 3. breach of any or every kind of this agreement. This indemnity does not apply to any of the foregoing losses, costs, damages or expenses caused solely by the active negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any unpermitted person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the minimum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including without limitation, loss of profit or business interruption) litigation expenses, attorneys fees including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by clients or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services performed under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (wastes now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of operation in the manner services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment is due upon which invoice is completed is required for all new clients or upon a billing of equipment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of invoices are NET (20th of the following month) unless otherwise disclosed. For invoices which remain unpaid for thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month or the unpaid balance. In addition all costs and expenses incurred by PCL in connection with the collection of any unpaid amounts, including reasonable attorney's fees or agents' fees associated with such collection whether or not litigation is filed.

13. Agreement Modification

Change, modifications or amendments of the terms shall be effective only if in writing and executed by an officer of PCL and by client's authorized representative. Verbal, client submitted orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability to client's use of or reliance on data, information or reports furnished by PCL/client in securing services hereunder for his own account, and not as benefit to/for or in any other capacity for or on behalf of any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that such data, information and reports are not requested, or shall be used to solicit upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the issuing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be requested from PCL for any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times (< 7 days), samples must arrive at the lab within 24 hours. It is the responsibility of the client to ensure that the holding times can be met. Short Holding Times of 48 hours or less (basically 2 to 3 days) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Samples storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

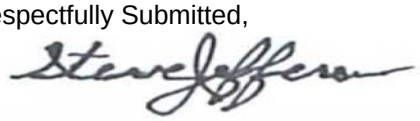
Attention: Ric Vardel
Report Date: 02-Jan-19 14:35
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18L0843-01) Collected: 24-Dec-18 By IPC						
pH	SM4500-H-B	AL82918	0.1	24-Dec-18 (SJ)	7.3 pH Units	
Residual Chlorine	SM 4500 Cl-G	AL82425	0.05	24-Dec-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AL82420	1.8	26-Dec-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AL82420	1.8	26-Dec-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 1/2/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1810843

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: C. A.	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	12/24/18	1025	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
1	1	1	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

~~Geotracker EDD:~~
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by	C. A.	Carlos Alvarez (PPC)	12/24/18	11:05
Received by		Amanda Olmos (Pat-Chem)	12/24/18	11:05
Relinquished by		Amanda Olmos (Pat-Chem)	12/24/18	12:00
Received by				
Relinquished by				
Received in lab by		P/L	12.24.18	1220

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modification to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The Client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public, or is the public domain or client has filed to pay PCL for all services rendered, or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for any unintended disclosure of such data where such standard was observed. PCL reports and information provided thereunder are for the exclusive use and benefit of Client and unless agreed to in writing shall not be made available to any third party. Client shall not disclose to any third party any information concerning technical information, software, procedures or other know-how.

10. Hold Harmless

Client releases and at all times, indemnifies, defends and holds PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, actions or causes of action, fees (including Experts) and expenses arising in favor of Client or any third party as a result of, and/or in any way occurring, incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. Injury, illness or death of persons 2. Loss of damage to, loss of, or loss of use of property, and/or 3. Financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages or liabilities which directly the result of negligence or willful misconduct of PCL or its employees. Further this indemnity shall specifically apply to losses, claims damages, actions of every kind and charges for arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive special, incidental or consequential damages including, without limitation, loss of profit or business interruption, Litigation Expenses or other fees including, without limitation, attorney's fees, court costs, and (or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of operations on the date the services were rendered or such prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or upon delivery may be required for all new clients or clients a history of payment and/or credit acceptable has not been established with PCL. Clients using an established credit account, the terms for payment of charges are NET (Net within thirty (30) days from date of invoice). To the fullest extent permitted at all by applicable law, any sum of unpaid invoices (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are referred through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with collection fees procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only if in writing and executed by an officer of PCL and by client or authorized representative, except that subsequent orders for additional services may be verbal or by writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports issued by PCL. Client is securing services hereunder for his own account, and not as agent or broker or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not relied on, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the solicitation to or contacting, with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 5pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 48 hours or less, samples must arrive within 36 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times (7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria are 8 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or courier issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage term.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noticed on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during pick up or sampling might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

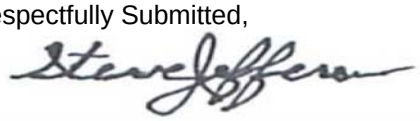
Attention: Ric Vardel
Report Date: 02-Jan-19 15:07
Subject: (MCC) Weekly INF

Project/P.O.#: (MCC) Weekly INF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
INF (Sample I.D.# : 18L0846-01) Collected: 24-Dec-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AL82610	2	31-Dec-18 (SGS)	545 mg/l	
Total Suspended Solids	SM 2540D	AL82607	1	26-Dec-18 (SGS)	452 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 1/2/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18L0846

Customer: IPC, Inc.		Project : (MCC) Weekly INF	
Address: 9297 Research Drive		Sampled by: C. Dimas	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
INF	12/24/18	~~1050~~ 1050	1	TSS	Grab	AQ	1L P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	

~~Geotracker EDD:~~
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by	C. Dimas	Carlos Alvarez (CPC)	12/24/18	11:05
Received by		Armando Dimas (Patchem)	12/24/18	11:05
Relinquished by		Armando Dimas (Patchem)	12/24/18	12:20
Received by				
Relinquished by				
Received in lab by		PIL	12.24.18	1220

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? (Yes) No

Samples intact? (Yes) No

Samples properly preserved? (Yes) No

Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
(Grab)
Comp

Matrix
(AQ) - Water
SO -Soil / Sludge
OT - Other

Bottle Type
(P) - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services shall notes the Client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use and/or all methodologies which are in substantial conformity with the U.S Environmental Protection Agency (EPA), CA Waterboard (LUAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties."

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials submitted by client or at client's request and the results obtained by PCL shall be held in confidence unless such information is generally available to the public, or is the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of confidential information unless such standard was observed. PCL reports are confidential and prepared thereto are for the exclusive use and benefit of client and client agrees those shall be no third party beneficiaries of our reports, data or information. Clients will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, parent(s) and pay any harmless from and against any and all liabilities, losses, damages, claims, demands, causes of action, costs and expenses (including, but not limited to, attorneys' fees, litigation, Expenses and investigation expenses) of every kind or any third party, as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, injury, disease or death of persons or loss of, damage to, loss of use of or destruction of property of any kind of whatsoever. This indemnity does not apply to any of the foregoing losses, costs, damages or liabilities proximately caused by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall not be only apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the minimum amounts permitted under applicable law. To the extent shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including without limitation, loss of profit or business interruption, Litigation Expenses or other fees including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or on services provided under this agreement even if client or the providing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples and results for analytes such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment is due upon receipt unless otherwise agreed to in writing by PCL. For clients with an established credit account, the terms for payment of invoices are NET (30) days from date of invoice, unless otherwise noted. To the fullest extent permitted by law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate determined by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay all reasonable costs and attorney's fees or agency fees associated with such collection procedures or efforts.

13. Agreement Modification

Changes, modifications or amendments to the Terms shall be effective only if made in writing and executed by an officer of PCL and by client or authorized representative, except that subsequent orders for additional services may be placed verbally.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is acquiring services reasonable for its own account, and not as agent or broker, or in any other fiduciary capacity for any other person or entity. It is understood and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any portion or offer in relation to the holders of any interest, the issuing, amendment, renewal, or extension of any loan from any financial institutions or other similar or the certification as to contracting with directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal rate will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because samples that are delivered on weekends or after 5pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (Electronic 100 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are returned for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

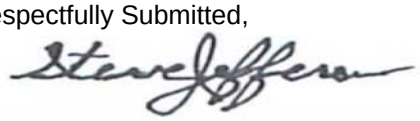
Attention: Ric Vardel
Report Date: 02-Jan-19 15:05
Subject: (MCC) Weekly EFF

Project/P.O.#: (MCC) Weekly EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18L0845-01) Collected: 24-Dec-18 By IPC						
Ammonia as N	EPA 350.1	AL82712	0.10	27-Dec-18 (SGS)	0.21 mg/l	
Biochemical Oxygen Demand	SM 5210B	AL82610	2	31-Dec-18 (SGS)	<2 mg/l	
Nitrate as N	EPA 353.2	AL82423	0.02	24-Dec-18 (LA)	1.84 mg/l	
Nitrite as N	EPA 353.2	AL82423	0.02	24-Dec-18 (LA)	<0.02 mg/l	
Total Kjeldahl Nitrogen	EPA 351.2	AL82605	0.10	27-Dec-18 (LA)	0.97 mg/l	
Total Suspended Solids	SM 2540D	AL82607	1	26-Dec-18 (SGS)	<1 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 1/2/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1810845

Customer: IPC, Inc.		Project: (MCC) Weekly EFF	
Address: 9297 Research Drive		Sampled by: C.	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	12/24/18	1025	1	TSS	Grab	AQ	1L P	4°C	
			1	NH4, TKN	Grab	AQ	500 P	HS	
			1	NO2, NO3	Grab	AQ	500 P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	

~~Geotracker EDD:~~
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (CPC)	12/24/18	11:05
Received by		Amanda Olmos (PatChem)	12/24/18	11:05
Relinquished by		Amanda Olmos (PatChem)	12/24/18	12:20
Received by				
Relinquished by				
Received in lab by			12.24.18	1220

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Matrix	Bottle Type
Grab	AQ - Water	P - Plastic
Comp	SO - Soil / Sludge	G - Amber Glass
	OT - Other	VOA - 40 ml Vial
		Coli - bacteria

Preservations

- HC - HCl
- HS - H_2SO_4
- HN - HNO_3
- HP - H_3PO_4
- OH - NaOH
- ST - Sodium Thiosulfate
- AA - Ascorbic Acid
- Al - $AlCl_3$
- Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consisting of sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or replaced from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The Client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of the agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), Cal Waterboard (LUFT), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has failed to pay PCL for all services rendered) or is otherwise in breach of the agreement (subject to any disclosure required by law or legal process). PCL shall use the same standard of care it uses in protecting its own confidential data and shall not permit such for unauthorized disclosure of client data unless such information was received PCL reports and information provided thereunder is for the exclusive use and benefit of Client and PCL agrees that shall be the only party to enjoy any of such reports, data or information. Clients will not disclose to any third party any information concerning technical information, software processes or other know-how.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, it employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses (including, but not limited to court fees, attorneys litigation expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, if injury, damage or death of personnel, loss of, damage to, injury of, or loss of use of property owned by the client or any of their staff or clients. This indemnity does not apply to any of the foregoing losses, costs, damages or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to cover claims damages, actions of every kind and character arising out of or in connection with the negligence or on breach of contract by any indemnified person, whether actual or alleged in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified persons. To the extent not prohibited by applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be of the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive special, incidental or consequential damages including without limitation, loss of profit or business interruption Litigation Expenses or other fees including, without limitation, attorney's fees, court costs, and/or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified persons in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (weather now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, our sample submittal, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable Price Schedule in effect at the time of operations or the date the services were rendered or with prices quoted and subsequently in writing. The price schedule is subject to change at any time without notice. Payment in advance or completion of a credit application is required for all new clients or until a history of payment and/or client account has been established with PCL. For those clients with an established client account, the terms for payment of charges are NET 30 days with only (30) days from date of invoice. To the fullest extent permitted by all law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection and/or legal proceedings.

13. Agreement Modification

Changes, modifications or amendments to the Terms shall be effective only if in writing and executed by an officer of PCL and by duly authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client in securing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants and agrees that said data, information and reports are not requested, or shall be used or relied upon, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any securities, the securing, refinancing, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed by or for any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less samples must arrive within 48 hours to allow PCL to meet holding times without applying a rush surcharge. For short holding times of 7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short holding times of 48 hours or less (such as 24 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

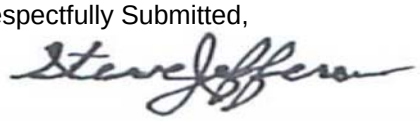
Attention: Ric Vardel
Report Date: 02-Jan-19 14:53
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18L0851-01) Collected: 25-Dec-18 By IPC						
pH	SM4500-H-B	AL82918	0.1	25-Dec-18 (SJ)	7.3 pH Units	
Residual Chlorine	SM 4500 Cl-G	AL82611	0.05	26-Dec-18 (PL)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AL82608	1.8	27-Dec-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AL82608	1.8	27-Dec-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 1/2/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18L-0850 1

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Golan Kfir	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	12/25/18	7:45	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

~~Geotracker EDD:~~
Logcode: IPCI
Global ID: WDR100000359

Signature	Print Name (Company)	Date	Time
Relinquished by GK	Golan IPC	12/25/18	7:45
Received by			
Relinquished by Jose L Gomez	Jose L Gomez	12-25-18	0800
Received by			
Relinquished by			
Received in lab by		12/25/18	0935

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Sample Received Checklist

Temperature upon receipt: ____ pre

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	**HC** - HCl
Comp	**HS** - H_2SO_4
Matrix	**HN** - HNO_3
AQ - Water	**HP** - H_3PO_4
SO -Soil / Sludge	**OH** - NaOH
OT - Other	**ST** - Sodium Thiosulfate
Bottle Type	**AA** - Ascorbic Acid
P - Plastic	**Al** - $AlCl_3$
G - Amber Glass	**Cu** -$CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be void and binding unless in writing and signed by an authorized representative of the client and PCL.

The Client may order services by submitting a written Client of Custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "Services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform its services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample matrices provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is for public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and PCL agrees, none shall be to third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information owned or using technical information, software programs or other compositions.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, actions or causes of action, costs and associated expenses including, but not limited to, all court fees (the Litigation Expenses) and attorneys acting in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. Injury, disease or death of persons 2. Loss of, damage to, loss of, or loss of use of property and/or 3. Financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to, obligate client to pay, claims, damages, arising of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether active or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that all indemnity obligations will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption. Litigation Expenses in other fees (including, without limitation, attorney's fees, court costs, and /or pre or post-judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in such action with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or such prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance when otherwise requested is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoice. To the fullest extent permitted by law and applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedures or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbally or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any securities, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 24 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (Chlorine is 1 hour!) must be delivered that same day to prior to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM LABORATORIES
QUALITY ANALYTICAL SERVICES SINCE 1987
1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

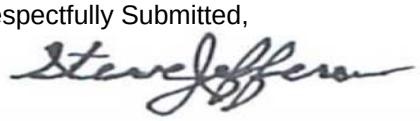
Attention: Ric Vardel
Report Date: 02-Jan-19 14:56
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18L0865-01) Collected: 26-Dec-18 By IPC						
pH	SM4500-H-B	AL82918	0.1	26-Dec-18 (JC)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AL82705	0.05	27-Dec-18 (PL)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AL82613	1.8	28-Dec-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AL82613	1.8	28-Dec-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 1/2/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1840865

Customer: IPC, Inc.		Project : **(MCC) Daily EFF**	
Address: 9297 Research Drive		Sampled by: Golan Kfir	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: **Field** **Lab**
EFF	12/26/18	12:00	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
~~Geotracker EDD:~~ Logcode: IPCI Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by GK	Golan IPC	12/26/18	12:00
Received by EG	Evan IPC	12/26/18	1230
Relinquished by EG	Evan IPC	12/26/18	1420
Received by			
Relinquished by			
Received in lab by		12/26/18	1420

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC? ~~Yes~~ No

Samples intact? Yes ~~No~~

Samples properly preserved? ~~Yes~~ No

Samples in holding time? ~~Yes~~ No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
~~Grab~~
~~Comp~~

Matrix
~~AQ~~ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu -$CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.
The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions.
The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No monetary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.
For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of this agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such disclosure was otherwise PCL reports and information provided thereto are for the exclusive use and benefit of client and Client agrees that it shall in no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software, programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from any and all claims, liabilities or damages, claims, demands, causes of action, costs and associated expenses, including, but not limited to, all court fees (the litigation if required) and costs arising in favor of Client or any third party, as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. injury, disease or death of persons 2. loss of, damage to, loss of, or loss of use of property and/or 3. any other claims of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, costs, fees, expenses of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other Indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption. Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified persons in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analytes such as asbestos, polychlorinated biphenyls, Bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any Hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

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13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective or in writing and executed by an officer of PCL and by client authorized representative, and as to that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client in securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity, it is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the seeking, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times (<7 days), samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

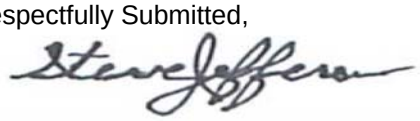
Attention: Ric Vardel
Report Date: 02-Jan-19 14:58
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18L0889-01) Collected: 27-Dec-18 By IPC						
pH	SM4500-H-B	AL82918	0.1	27-Dec-18 (JC)	7.2 pH Units	
Residual Chlorine	SM 4500 Cl-G	AL82807	0.05	28-Dec-18 (PL)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AL82714	1.8	29-Dec-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AL82714	1.8	29-Dec-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 1/2/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1810889

Customer: IPC, Inc.		Project : (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	12/27/18	1105	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.15 / 19.6°C
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

~~Geotracker EDD:~~
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (CPL)	12/27/18	12:10
Received by		Armando Olmos (Patchem)	12/27/18	12:10
Relinquished by		Armando Olmos (Patchem)	12/27/18	1:35
Received by				
Relinquished by				
Received in lab by			12.27.18	1335

Sample Received Checklist

Temperature upon receipt: 4
# of bottles agrees with COC? Yes No
Samples intact? Yes No
Samples properly preserved? Yes No
Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____
Final Flow _____

Sample Type	Preservations
Grab	HC - HCl
Comp	HS - H_2SO_4
~~Matrix~~	HN - HNO_3
AQ - Water	HP - H_3PO_4
SO -Soil / Sludge	OH - NaOH
OT - Other	ST - Sodium Thiosulfate
Bottle Type	AA - Ascorbic Acid
P - Plastic	Al - $AlCl_3$
G - Amber Glass	Cu -$CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or released from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the Client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has failed to pay PCL for all services rendered), or is otherwise in breach of the agreement (subject to any disclosure required by law or legal process). PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of confidential information where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to, all court fees (including expert's agents) and attorneys arising in favor of Client or any third party as a result of, and/or in any way occurring, incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials 1. injury, illness or death of persons 2. loss of, damage to, loss of, or loss of use of property and/or 3. financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to claims, claims for loss, actions of every kind and liability arising out of or in connection with the negligence or an excuse of contract by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the Client might otherwise have to PCL and the other Indemnifying Persons. To the extent mandatory under applicable law, Client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by Client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to Client for indirect, punitive special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) litigation expenses or other fees (including, without limitation, attorney's fees, court costs, and/or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any Hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analyses, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or such prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or cash on delivery is required for all new clients or clients with a history of payment and/or credit account problems. Except as otherwise agreed in writing by an authorized credit account, the terms for payment of charges are NET EIGHT (8) thirty (30) days from date of invoice. Claims raised exceed permitted set off by application law, any amount unpaid on the invoice thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balance. In case of accounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agency fees associated with such collection and expenses of collection.

13. Agreement Modification

Changes, modifications or amendments to the Terms shall be effective only if in writing and executed by an officer of PCL and by client's duly authorized representative. except that subsequent orders for additional services may be oral or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is retaining services hereunder for his own benefit and not as agent, trustee, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not to be used, in whole or in part, to solicit, offer, underwrite, or in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other recurring or life settlement any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 2pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush start range. For short holding times of 7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 8 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

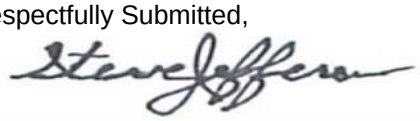
Attention: Ric Vardel
Report Date: 02-Jan-19 15:01
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18L0904-01) Collected: 28-Dec-18 By IPC						
pH	SM4500-H-B	AL82918	0.1	28-Dec-18 (JC)	7.6 pH Units	
Residual Chlorine	SM 4500 Cl-G	AL82917	0.05	29-Dec-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AL82810	1.8	30-Dec-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AL82810	1.8	30-Dec-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 1/2/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1810904

Customer: IPC, Inc.		Project : (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Ric Vardel / Golan Kfir	P.O. #: 949-382-9067
Irvine CA 92618		Report Attention:	Phone #:

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	12/28/18	1100	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
1	1	1	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Rivera (GPC)	12/28/18	13:50
Received by		Armando Olmos (Pat-Chem)	12/28/18	13:50
Relinquished by		Armando Olmos (Pat-Chem)	12/28/18	15:25
Received by				
Relinquished by				
Received in lab by			12/28/18	1525

Sample Received Checklist

Temperature upon receipt: 4
# of bottles agrees with COC? Yes No
Samples intact? Yes No
Samples properly preserved? Yes No
Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____
Final Flow _____

Sample Type	Matrix	Bottle Type
Grab	AQ - Water	P - Plastic
Comp	SO - Soil / Sludge	G - Amber Glass
	OT - Other	VOA - 40 ml Vial
		Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and/or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule, as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM) Association of Official Analytical Chemists (AOAC) Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such data where such standard was observed. PCL reports and information provided hereunder are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any proprietary information (including technical information, software, programs or other formulations).

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to, all court fees (the Litigation Expenses) and amounts arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, disease or death of persons 2. Loss of, damage to, loss of, or loss of use of property and/or 3. financial loss of every kind or character. This indemnity (hereinafter apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to lawsuit, claims, damages, actions of every kind and character, arising out of or in connection with the negligence of or breach of contract by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, Client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption. Litigation Expenses or other fees including, without limitation, attorney's fees, court costs, and /or pre or post-judgment interest); or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or effort.

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14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times 2-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

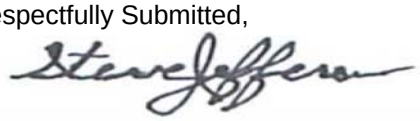
Attention: Ric Vardel
Report Date: 02-Jan-19 15:03
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18L0925-01) Collected: 29-Dec-18 By IPC						
pH	SM4500-H-B	AL83031	0.1	29-Dec-18 (JC)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AL83029	0.05	30-Dec-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AL82916	1.8	31-Dec-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AL82916	1.8	31-Dec-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 1/2/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18L0925

Customer: IPC, Inc.		Project : **(MCC) Daily EFF**	
Address: 9297 Research Drive		Sampled by: Ric VARDEL	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	12/29	0930	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
11	11	11	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

~~Geotracker EDD:~~
Logcode: IPCI
Global ID: WDR100000359

Signature	Print Name (Company)	Date	Time
Relinquished by	Ric VARDEL (IPC)	12/29	0945
Received by			
Relinquished by	Jose L Gomez	12/29/18	1005
Received by			
Relinquished by			
Received in lab by	Jordan Corkery	12/29/18	1141

Sample Received Checklist

Temperature upon receipt: _____

# of bottles agrees with COC?	Yes	No
Samples intact?	Yes	No
Samples properly preserved?	Yes	No
Samples in holding time?	Yes	No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of Sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may order services by submitting a written Chain of Custody (COC) to PCL. Any such order constitutes 1. an acceptance by the Client of PCL's offer to do business with the Client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services exists unless the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to be more a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provision to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for assisting PCL at the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample matrix (as provided by client or at client's request) and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public, or is the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any necessary required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such data where such standard was followed. PCL reports and information provided hereunder are for the exclusive use and benefit of client and client agrees that it shall not to third party beneficiary of such reports, data or information. Client without prior consent any third party any information concerning technical information, software, procedures or other items of value.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, demands, damages, claims, demands, causes of action, costs and other expenses, including, but not limited to, attorneys fees (including those incurred in asserting rights in favor of Client or who third party), as a result of, and/or in any way occurring, incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, disease or death of persons 2. loss of, damage to, loss of, or loss of use of property and/or 3. damage of any kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages or liabilities caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this agreement shall specifically apply to, Client's (and agents, officers of every kind and character acting on behalf of or in connection with the negligence or its breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the Client might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, client agrees that all indemnity obligation will be supported by available liability insurance coverage to be furnished by Client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) Litigation Expenses or other fees (including, without limitation, attorney's fees, expert's fees, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified persons in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other Hazardous or toxic materials, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations presently now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the area of operations on the date the services were rendered or as the prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and credit is established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by law, a reasonable fee, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications, amendments to the terms shall be effective only in writing and executed by an officer of PCL and by duly authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants and agrees that all data, information and reports are not transmitted, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of shareholders, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times (< 7 days), samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (Bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, could be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

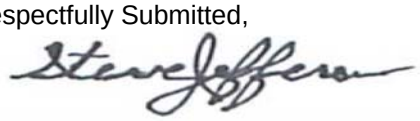
Attention: Ric Vardel
Report Date: 14-Jan-19 23:23
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18L0930-01) Collected: 30-Dec-18 By IPC						
pH	SM4500-H-B	AL83031	0.1	30-Dec-18 (SJ)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AA90107	0.05	30-Dec-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AL83027	1.8	01-Jan-19 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AL83027	1.8	01-Jan-19 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 1/14/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1610930

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Ric Vardel / Golan Kfir	P.O. #: 949-382-9067
Irvine CA 92618		Report Attention:	Phone #:

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	12/30	0945	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.41/19.6
11	12/30	0945	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by		Ric VARDEL (IPC)	12/30	0955
Received by		Jordan Corkery	12/30	0955
Relinquished by				
Received by				
Relinquished by				
Received in lab by		Jordan Corkery	12/30	1349

Sample Received Checklist

Temperature upon receipt: _____

# of bottles agrees with COC?	Yes	No
Samples intact?	Yes	No
Samples properly preserved?	Yes	No
Samples in holding time?	Yes	No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	**HC** - HCl
Comp	**HS** - H_2SO_4
Matrix	**HN** - HNO_3
AQ - Water	**HP** - H_3PO_4
SO -Soil / Sludge	**OH** - NaOH
OT - Other	**ST** - Sodium Thiosulfate
Bottle Type	**AA** - Ascorbic Acid
P - Plastic	**Al** - $AlCl_3$
G - Amber Glass	**Cu** -$CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" herein mean these terms and conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL act solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the Client's express assent to be governed by these terms and conditions. Any boilerplate or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM) Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the reports prepared by PCL shall be held in confidence unless such information is generally available to the public or is free public domain or client has failed to pay PCL for all services rendered, or is otherwise in breach of the agreement subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such data where such standard was observed. PCL reports and information provided hereunder are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of PCL's reports, data or information. Client will not disclose to any third party any opinion or advice concerning test evaluation, software, processes or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold P.C.L. its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses, including, but not limited to attorneys fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring, incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. This indemnification will include, but not be limited to, all liabilities of every kind, including, but not limited to, all costs of damages to, loss of, or loss of use of property and or, personal loss of every kind of character. This indemnity does not apply to any of the foregoing losses, suits, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to taxes, claims, damages, awards of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether active or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the Client might have to any of PCL and the other indemnified Persons. To the extent necessary under applicable law, Client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive special, incidental or consequential damages including, without limitation, loss of profit or business interruption. Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analytes such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee per sample submitted, in accordance with our QA/QC policies and procedures.

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15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer period is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

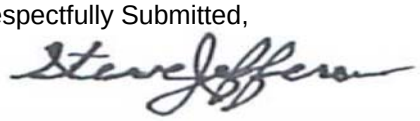
Attention: Ric Vardel
Report Date: 14-Jan-19 23:27
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18L0935-01) Collected: 31-Dec-18 By CA						
pH	SM4500-H-B	AL83031	0.1	31-Dec-18 (SJ)	7.6 pH Units	
Residual Chlorine	SM 4500 Cl-G	AA90107	0.05	01-Jan-19 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AL83123	1.8	02-Jan-19 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AL83123	1.8	02-Jan-19 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 1/14/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1GL0935

Customer: IPC, Inc.		Project : **(MCC) Daily EFF**	
Address: 9297 Research Drive		Sampled by:	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	12/31/18	0940	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

~~Geotracker EDD:~~
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	12/31/18	
Received by			12/31/18	1200
Relinquished by			12/31/18	1300
Received by				
Relinquished by				
Received in lab by			12/31/18	1300

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? (Yes) No

Samples intact? (Yes) No

Samples properly preserved? (Yes) No

Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
(Grab)
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing its services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined hereunder) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client at or from executing a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence unless such information is generally available to the public or in the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data unless such standard was unreasonable. PCL reports and information providing it terms are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of its reports, data or information. Client will not disclose to any third party any intellectual property including technical information, sample price and other information.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action and associated expenses including, but not limited to, attorney fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or memorandum. Notwithstanding the foregoing, in the event of client's negligence or willful misconduct, client's liability shall be limited to the amount of damages, if any, caused solely by the gross negligence or willful misconduct of PCL, or its employees. Further, this indemnity shall specifically apply to known, claims, damages, actions of every kind and character arising out of or in connection with the negligence of any breach of contract by any independent Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, Client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the minimum amount permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profits, business interruption, Litigation Expenses or other fees including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by Client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any cell bacterial analysis, client will be charged a sample disposal fee per bacteria submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of submission, on the date the services were rendered or at the prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment and access when analysis is completed is required for all new clients or until a history of payment and credit acceptance has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoice. To the fullest extent permitted by law, there shall be application fees, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal channels or by an attorney, the client is to pay reasonable costs and attorney's fees or equity fees associated with such collection proceedings or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only if in writing and executed by authorized PCL and by client with proper representative capacity. Subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for a client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for its own account, and not as agent or broker, or any other representative capacity for any other person or entity. Client agrees and acknowledges that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for testing times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours (4 days) PCL to meet holding times without applying a rush surcharge. For short holding times of 7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (2 days or 96 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of our fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for a set pick up or service. Unnecessary delays during the pick up or sampling might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 15-Jan-19 00:14
Subject: (MCC) Weekly EFF

Project/P.O.#: (MCC) Weekly EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18L0934-01) Collected: 31-Dec-18 By CA						
Ammonia as N	EPA 350.1	AA90408	0.10	04-Jan-19 (SGS)	0.26 mg/l	
Biochemical Oxygen Demand	SM 5210B	AA90208	2	07-Jan-19 (SGS)	<2 mg/l	
Nitrate as N	EPA 353.2	AA90215	0.20	02-Jan-19 (LA)	2.64 mg/l	
Nitrite as N	EPA 353.2	AA90215	0.02	02-Jan-19 (LA)	0.03 mg/l	
Total Kjeldahl Nitrogen	EPA 351.2	AA90214	0.10	03-Jan-19 (LA)	0.93 mg/l	
Total Suspended Solids	SM 2540D	AA90312	1	03-Jan-19 (SGS)	<1 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 1/15/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1810934

Customer: IPC, Inc.		Project: (MCC) Weekly EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine	CA 92618	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	12/31/18	0940	1	TSS	Grab	AQ	1L P	4°C	
			1	NH4, TKN	Grab	AQ	500 P	HS	
			1	NO2, NO3	Grab	AQ	500 P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	

~~Geotracker EDD:~~
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	12/31/18	
Received by			12/31/18	1200
Relinquished by			12/31/18	1300
Received by				
Relinquished by				
Received in lab by			12-31-18	1300

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The Client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain) or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not use responsible for unauthorized disclosure of such data where such standard was observed. PCL's reports and information provided thereunder are for the exclusive use and benefit of Client and Client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party(ies) proprietary information including technical information, software processes or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, successors and assigns harmless from and against any and all liabilities, losses or damages, claims, demands, subject to Section 4 and consequential damages, including but not limited to all costs and expenses (legal and expert) arising in favor of Client or any third party as a result of, or due in any way occurring, incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. injury, disease or death of persons 2. loss of, damage to, loss of, or loss of use of property and or 3. financial loss of every kind or character. This indemnity does not apply to any of the foregoing injuries, costs, damages or claims caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, liabilities, actions of every kind and character arising out of or in connection with PCL's negligence or breach of contract by any indemnified person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be honored by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including without limitation, loss of profit or business interruption) (including if advised of other fees (including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement) even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples (materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any Hazardous material received by PCL from client or at Client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or its PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analyses client will be charged a sample disposal fee per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of operations or the date the services were rendered or as otherwise quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or under a history of payment and/ or credit account has been established with PCL. For those clients with an established line of account, the terms for payment of one gas are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by law, PCL shall be entitled to any amount owed to it and unpaid by client after the end of thirty (30) days in addition to interest at the lesser of the maximum rate permitted by law, or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees even if PCL does not bring a lawsuit or take affirmative efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only if in writing and executed by an officer of PCL and by client's authorized representative except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or report(s) furnished by PCL. Client is securing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. You agree and acknowledge that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any securities, the issuing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 5pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times (< 7 days), samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (analyses with hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES
QUALITY ANALYTICAL SERVICES SINCE 1987
1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

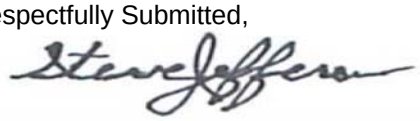
Attention: Ric Vardel
Report Date: 15-Jan-19 00:18
Subject: (MCC) Weekly INF

Project/P.O.#: (MCC) Weekly INF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
INF (Sample I.D.# : 18L0938-01) Collected: 31-Dec-18 By MM						
Biochemical Oxygen Demand	SM 5210B	AA90208	2	07-Jan-19 (SGS)	566 mg/l	
Total Suspended Solids	SM 2540D	AA90312	1	03-Jan-19 (SGS)	261 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 1/15/2019
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1810938

Customer: IPC, Inc.		Project : (MCC) Weekly INF	
Address: 9297 Research Drive		Sampled by: Mohamad Monghasem	P.O. #:
Irvine	CA 92618	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
INF	12/31/18	9:50	1	TSS	Grab	AQ	1L P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	
~~Geotracker EDD:~~ Logcode: IPCI Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	Mohamad Monghasem	12/31/18	
Received by	[signature]	12/31/18	1200
Relinquished by	[signature]	12/31/18	1300
Received by			
Relinquished by			
Received in lab by		12.31.18	13:40

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? ~~Yes~~ No

Samples intact? ~~Yes~~ No

Samples properly preserved? ~~Yes~~ No

Samples in holding time? ~~Yes~~ No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Matrix	Bottle Type
~~Grab~~ Comp	AQ - Water	P - Plastic
	SO - Soil / Sludge	G - Amber Glass
	OT - Other	VOA - 40 ml Vial
		Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who has requested laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or refigured from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.
The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.
The Client's delivery of samples to PCL or initiation of consulting services constitutes the Client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions proposed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.
For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for condition in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care in order protecting its own confidential data and shall not be responsible for unauthorized disclosure of confidential information unless such disclosure is caused by PCL's gross negligence or willful misconduct. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not duplicate to any third party any information concerning technical information, software programs or other information.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, parents, affiliates, subsidiaries and agents harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, costs and associated expenses, including, but not limited to all court fees (the Litigation Expenses) and awards arising in favor of Client or any third party, as a result of, and/or in any way occurring, incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, disease or death of persons 2. Loss of, damage to, loss of, or lack of use of property and/or 3. Threats of loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages or liabilities arising solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of client's connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption, litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and the pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples or materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any Hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for analysis bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of operations on the date the services were initiated or work orders quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance for which analysis is contracted is required for all new clients or until a history of satisfactory credit or credit account has been established with PCL. For those clients with an established credit account, the terms of payment of charges are NET EACH within thirty (30) days from date of invoice. To the fullest extent permitted by law as well by applicable law, any amount unpaid as the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law at one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees so caused if they are collected with such collection proceedings or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by each of the parties and by client's authorized representative. Verbal or subsequent orders for additional services may be confirmed in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and understood that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any securities, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 5pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being released by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 24 hours or less (samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times (i.e. 7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (sections 4-8 hours) cannot be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional such fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

Rincon Consultants, Inc.
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February 27, 2019
Project No: 15-01587

Craig George
Environmental Sustainability Department Director
Building Official
City of Malibu
23825 Stuart Ranch Road
Malibu, California 90401

Subject: **Annual 2018 Long-Term Groundwater and Surface Water Monitoring Report, Malibu Civic Center Wastewater Treatment Facility – City of Malibu, California**

Dear Mr. George:

Rincon Consultants, Inc. has prepared the Annual 2018 Long-Term Groundwater and Surface Water Monitoring Report for the Malibu Civic Center Wastewater Treatment Facility (CCWTF) located in Malibu, California. The CCWTF began discharging treated wastewater in the third quarter of 2018. Therefore, Long-Term Monitoring of Groundwater and Surface Water Quality Monitoring (Task II) was triggered and quarterly groundwater monitoring was conducted. The objective of the work program is to implement and manage a basin-wide groundwater and surface water monitoring and reporting program. The monitoring program has been designed to identify potential impacts as a result of land disposal of treated wastewater via injection and landscape irrigation or percolation on the receiving water quality of the local groundwater aquifers, Santa Monica Bay, Malibu Creek, and Malibu Lagoon.

Please contact us with any questions you may have regarding the results of the Annual 2018 Long-Term Groundwater and Surface Water Monitoring Report.

Sincerely,
Rincon Consultants, Inc.



Kiernan Brtalik, CPSWQ, QSP/D
Environmental Scientist

Torin Snyder, PG, CHG, TOR, QSD/P
Principal

"I certify under penalty of law that this document, including all attachments and supplemental information, was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of a fine and imprisonment."

Executed on the 28 day of February at 2019



Signature

Environmental Sustainability Director

Title



Malibu Civic Center Wastewater Treatment Facility

2018 Annual Long-Term Groundwater and Surface Water Monitoring Report

prepared by

Rincon Consultants, Inc.

February 27, 2019

RINCON CONSULTANTS, INC.
Environmental Scientists | Planners | Engineers
rinconconsultants.com

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1 Introduction

On behalf of the City of Malibu (City), Rincon Consultants, Inc. (Rincon) has prepared this report which presents the results of groundwater and surface water monitoring activities conducted during the 2018 calendar year for the Malibu Civic Center Wastewater Treatment Facility (CCWTF) located in Malibu, California (Figure 1). The CCWTF began discharging treated wastewater in the third quarter of 2018. Therefore, Long-Term Monitoring of Groundwater and Surface Water Quality Monitoring (Task II) was triggered and quarterly groundwater monitoring commenced. The objective of the work program is to implement and manage a basin-wide groundwater and surface water monitoring and reporting program. The monitoring program has been designed to identify potential impacts as a result of land disposal of treated wastewater via injection and landscape irrigation or percolation on the receiving water quality of the local groundwater aquifers, Santa Monica Bay, Malibu Creek, and Malibu Lagoon.

This report was prepared by Rincon Consultants, Inc. (Rincon) and presents the geologic and hydrogeologic setting, groundwater elevations and gradient, surface water and groundwater sampling methodologies, and water quality analytical results.

2 Background

On-site wastewater disposal systems (OWDS) have allegedly contributed to the non-point source pollution of Malibu Lagoon and Creek located in the Civic Center Area of the City of Malibu. The City has designed and constructed a new wastewater treatment facility to comply with regulatory actions taken by the Los Angeles Regional Water Quality Control Board (LARWQCB) and the State Water Resources Control Board (SWRCB) to prohibit discharges from OWDS in the Civic Center area.

To establish baseline groundwater and surface water quality conditions prior to operation and discharge of treated wastewater, the LARWQCB required basin-wide, baseline groundwater and surface water monitoring. The water quality monitoring program was driven by several factors:

- Timelines established through regulatory action
- Proposed programs to fulfill anticipated future regulatory requirements associated with the development of the CCWTF
- The distribution of Title 22 Recycled Water in the Prohibition area
- Protection of the Malibu Valley Groundwater Basin, Malibu Creek, Malibu Lagoon, and the near shore environment of Santa Monica Bay

Following completion of baseline monitoring activities (Task I), CCWTF operations have commenced and long-term monitoring activities (Task II) has been triggered. The objective of long-term monitoring is to identify impacts that land disposal of recycled water, via injection and landscape irrigation or percolation, may have on the water quality of the receiving groundwater aquifers, Santa Monica Bay, Malibu Creek, and Malibu Lagoon.

At this time, the basin-wide monitoring program consists of four of the original five water quality monitoring tasks that occur in the Civic Center area of the City of Malibu. All five monitoring tasks have been designed to build upon one another to provide a comprehensive basin-wide groundwater and surface water monitoring program. Below is a general description of each task and a discussion of key objectives.

Task I – Baseline Groundwater and Surface Water Quality Monitoring of the Civic Center Area *(Completed)*

The baseline groundwater and surface water quality monitoring task involved monitoring groundwater in nine (9) shallow and deep groundwater wells and monitoring surface water quality at ten (10) locations. The objective of this task's monitoring was to develop baseline, ambient shallow and deep groundwater, and surface water conditions prior to the implementation of the CCWTF, as required by the Monitoring and Reporting Program (MRP) No. CI 10042, issued by the LARWQCB (LARWQCB 2015).

Task II – Long-Term Monitoring of Groundwater and Surface Water Quality Monitoring of the Civic Center Area

The long-term groundwater and surface water quality monitoring task involves monitoring groundwater in nine (9) shallow and deep groundwater wells and monitoring surface water quality at ten (10) locations. The objective of long-term monitoring is to identify impacts that land disposal of recycled water, via injection and landscape irrigation or percolation, will have on the water quality of the receiving groundwater aquifers, Santa Monica Bay, Malibu Creek, and Malibu Lagoon and to comply with the project-specific Waste Discharge Requirement (WDR). The mix of shallow and deeper monitoring wells will ensure adequate spatial and vertical coverage of the basin in the vicinity of the proposed CCWTF injection to be able to monitor for potential adverse impacts. The nine (9) groundwater monitoring wells and ten (10) surface water sampling locations identified in Task II are sampled on a quarterly basis now that CCWTF operations have commenced. This sampling is required by the MRP No. CI 10042, issued by the LARWQCB (LARWQCB 2015).

Task III – Salt and Nutrient Management Plan Monitoring Program

The Salt and Nutrient Management Plan (SNMP) monitoring program branches off from the baseline and long-term groundwater and surface water monitoring programs described above (Tasks I and II). Task III involves performing semi-annual groundwater monitoring at sixteen (16) groundwater monitoring wells (mix of shallow and deep) located in the Civic Center area of the City of Malibu and in a small area in the unincorporated portion of Los Angeles County. The objective of the SNMP is to monitor potential impacts that recycled water, introduced through irrigation and injection, may have on the Malibu Groundwater Basin. The SNMP also provides data to assess the various phases of the CCWTF implementation during the time that the collection system and treatment plant connections increase, and as OWDS-related discharges cease (RMC Water 2015a).

Task IV – Memorandum of Understanding Compliance Monitoring

Compliance with the Memorandum of Understanding (MOU) the City has with the LARWQCB corresponds with baseline and long-term groundwater and surface water monitoring programs described in Tasks I through III above. Task IV involves performing semi-annual monitoring at fourteen (14) groundwater wells located in the Civic Center area of the City of Malibu. The objective of the MOU is to monitor for potential impacts to the Shallow Alluvium as a result of CCTWF implementation (LARWQCB 2014).

Task V – Civic Center Groundwater Elevation Monitoring Program

The groundwater elevation monitoring program assesses the groundwater elevations in the Malibu Groundwater Basin and in Winter Canyon. The objective of this task is to provide a better understanding of the groundwater elevation conditions in the Civic Center Area, including elevation trends related to precipitation, tidal, and lagoon influences (LARWQCB 2015).

3 Geologic and Hydrogeologic Setting

3.1 Hydrology

The project lies in the Los Angeles hydrologic region, as defined by the LARWQCB. The Los Angeles hydrologic region encompasses all coastal drainages flowing to the Pacific Ocean between Rincon Point and the eastern Los Angeles County line. The study area covers two watersheds: the Malibu Creek and Winter Canyon Creek watersheds. Most of the study area addressed in this report is located within the 109–square-mile Malibu Creek watershed, which is the second largest watershed draining to the Santa Monica Bay. The Malibu Creek watershed contains mostly undeveloped mountain areas, large-acreage residential properties, and many natural stream reaches (LARWQCB 2011). Malibu Lagoon is located at the terminus of the Malibu Creek watershed. Malibu Lagoon is a brackish estuary of approximately 13 acres. However, it is one of only two remaining coastal marshes in Los Angeles County.

3.2 Geology

The study area is located within the Santa Monica Mountains in the northwestern corner of the Los Angeles basin. The study area lies at the juncture of the Peninsular Ranges geomorphic province, consisting of a northwest-oriented structural grain, and the Transverse Ranges geomorphic province, which features a predominantly east-west-oriented structural grain.

The 45-mile-long Santa Monica Mountains range is part of the southernmost portion of the western Transverse Ranges province. It forms an east-west range of low mountains along the southern California Coast from the Oxnard Plain to Los Angeles. The Santa Monica Mountain range is characterized by long, south-draining canyons on its south flank and short, north-draining canyons on its north flank. The Malibu Canyon and Winter Canyon are two significant canyons within the study area that drain to the south.

3.3 Hydrogeology

The Malibu Valley Groundwater Basin (California Department of Water Resources [DWR] groundwater basin number 4-22) is a small alluvial basin, approximately 613 acres in size. The groundwater basin is bounded by the Pacific Ocean on the south, and by the Santa Monica Mountains, composed of non-water-bearing Tertiary age rocks to the north, east, and west.

Water bearing geologic formations in the Malibu Valley Groundwater Basin are comprised of Holocene alluvium, consisting of clays, silts, sands, and gravels, overlying impermeable bedrock. The unconsolidated alluvium in the Civic Center area by Malibu Creek and other small drainages is estimated to range in thickness from a thin layer near the valley walls to around 175 feet in the central part of the main body of the alluvium. The alluvium can be subdivided into three categories or zones: 1) a shallow zone of permeable alluvial sediments, 2) underlain by a sequence of fine-grained estuarine deposits, and 3) an underlying coarse-grained stratum commonly referred to as the "Civic Center Gravels" (Ambrose and Orme 2000, Fugro West, Inc. 2005, GeoSoils 1989, Geosyntec Consultants 2007, Leighton 1994). Depth to groundwater in the alluvium is typically 5 to 13 feet below grade and is deeper in the upland canyon areas.

4 Activities Completed During 2018

The following activities were completed during the 2018 calendar year:

- Rincon prepared the Fourth Quarter 2017, Annual 2017, First Quarter 2018, Second Quarter 2018, and Third Quarter 2018 Groundwater and Surface Water Monitoring Reports for City submittal to the LARWQCB
- Rincon collected surface water samples for MRP compliance (Task I) during the first quarter of 2018
- Rincon collected and analyzed groundwater and surface water samples for MRP compliance (Task I) during the second quarter of 2018
- The CCWTF began discharging treated wastewater in the third quarter of 2018. Therefore, Task I was completed, Task II was triggered, and quarterly groundwater monitoring commenced.
- Rincon collected and analyzed groundwater and surface water samples for WDR/MRP compliance (Task II) during the third and fourth quarters of 2018
- Rincon collected and analyzed groundwater samples for SNMP (Task III) and MOU (Task IV) compliance during the second and third quarters of 2018
- Rincon measured depth to water in the groundwater monitoring wells monthly throughout the 2018 calendar year (Task V)

5 Groundwater Elevations and Gradients

Rincon measured the depth to water on a monthly basis in 43 groundwater monitoring wells using an electronic water level indicator throughout the 2018 calendar year (Table 1 and Appendix A). Of the 43 groundwater monitoring wells, seven of the wells do not have elevation data for the top of well casing and one well was dry during 2018 (SMBRP-15B). Therefore, groundwater elevations could not be calculated in these eight groundwater wells.

5.1 Shallow Zone

Groundwater elevations ranged from 1.34 feet above mean sea level (amsl) in CCPE to 22.01 feet amsl in SMBRP-8 (ECI-RC-MW01) (Table 1). The groundwater elevations fluctuated throughout the year when comparing monthly groundwater monitoring wells' elevations. A general decreasing trend was observed in each quarter, except for the second quarter of 2018 where groundwater elevations generally increased. Groundwater elevations decreased a maximum of 1.91 feet amsl in MBCMW-9 and increased a maximum 4.10 feet amsl in SMBRP-16 from January to December 2018.

Groundwater monitoring wells in close proximity to Malibu Lagoon and Creek (C-1, C-2, CCPNE, CCPE, CCPSW, P-4, P-9, MCWP-MW10, SMBRP-2, and SMBRP-6) mostly recorded the largest groundwater elevation fluctuations; seasonal variability (precipitation) and Malibu Creek and Lagoon upstream hydrological contributions appear to strongly influence these shallow groundwater wells. Groundwater elevations decreased in all of these groundwater monitoring wells between January and December 2018.

Groundwater elevations increased in groundwater monitoring wells in the vicinity of the Civic Center Way and Stuart Ranch Road (MBCMW-7, MBCMW-8, MCWP-MW04S, SMBRP-10C, and SMBRP-16) and further south towards the coastline (MCWP-MW07S and SMBRP-12).

An annual average groundwater gradient of 0.0037 feet/foot was calculated using monthly groundwater gradients derived from groundwater monitoring wells SMBRP-9, SMBRP-12, and SMBRP-2. The predominant direction of groundwater flow ranged from southeast to south, towards the coastline. Elevation data and flow direction are depicted for each month in 2018 as Figures 3 through 14.

5.2 Deep Zone

Groundwater elevations ranged from 4.14 feet amsl in MCWP-MW07D to 10.56 feet amsl in MCWP-MW09 (Table 1). Groundwater elevations decreased in all deep groundwater monitoring wells when comparing groundwater elevations between January and December. Groundwater elevations decreased a maximum of 1.42 feet amsl in MCWP-MW02 and decreased a minimum of 0.27 feet amsl in MCWP-MW06 from January to December 2018.

5.3 Winter Canyon

Groundwater elevations ranged from 9.31 feet amsl in SMBRP-11 to 52.62 feet amsl in LAMW-5S (Table 1). Groundwater elevation increased 0.34 feet amsl in SMBRP-11 and increased 1.92 feet amsl in LAMW-5S from January and December 2018.

6 Water Quality Sampling Analysis

The surface water and groundwater samples collected during the first and second quarters of 2018 were transported under chain-of-custody documentation to Fruit Growers Laboratory, Inc. (FGL), located in Santa Paula, California. The surface water and groundwater samples collected during the third and fourth quarters of 2018 were transported under chain-of-custody documentation to Enthalpy Analytical (Enthalpy), located in Orange, California. All surface water and groundwater monitoring locations and corresponding laboratory analyses are shown in the Groundwater and Surface Water Analytical Matrix (Table 2). The analytical laboratory results for all samples collected in 2018 are shown in Table 3 and Table 4. Laboratory reports are included as Appendix B of this report.

6.1 Surface Water

6.1.1 Sampling Methodology

A total of ten (10) surface water samples were collected during each quarterly surface water monitoring event. All surface water samples were collected up-current of the sampling person's body to minimize potential contamination of the surface water samples with bacteria originating from field personnel. Surface water samples were collected directly into lab-supplied containers when possible, or into a clean field sampling container and then transferred into preserved and non-preserved containers supplied by Enthalpy. The containers were capped, labeled, placed in Ziploc bags, and stored on ice in a cooler and delivered via courier to Enthalpy.

Near Shore

Four (4) ocean water samples were collected from the near shore area along Malibu Road (N-001 through N-004). Surface water samples were collected from each location at a depth of approximately 3-6 inches (ankle deep).

Malibu Lagoon and Creek

Six (6) surface water samples were collected from the Malibu Lagoon and Creek (L-001 through L-006). Surface water samples from were collected from each location at a depth of approximately twelve inches below the surface of the water.

6.1.2 Laboratory Analyses

Total Coliform

In the near shore surface water, total coliform concentrations ranged from less than the reporting detection limit (reporting limit) of 1.8 or 2.0 Most Probable Number per 100 milliliters (MPN/100 mL) in six (6) samples to at or above the laboratory upper detection limit of 2,400 MPN/100 mL in four (4) samples. The average total coliform concentration in the near shore surface water was 608 MPN/100 mL[1].

[1] A value half of the reporting limit was used to calculate the average for results below the reporting limit and the upper detection limit (2,400 MPN/100 mL) was used for results that exceeded the upper detection limit to calculate the average total coliform concentration.

In the Malibu Lagoon and Creek surface water, total coliform concentrations ranged from 49 MPN/100 mL at L-006 to at or above the laboratory upper detection limit of 1,600 or 2,400 MPN/100 mL. The average total coliform concentration in the Malibu Lagoon and Creek surface water was 1,181 MPN/100 mL[2].

Fecal Coliform

In the near shore surface water, fecal coliform concentrations ranged from less than the reporting limit (between 1.0 and 2.0 MPN/100 mL) in 10 samples to 21 MPN/100 mL at N-002. The average fecal coliform concentration in the near shore surface water was 4.3 MPN/100 mL[3].

In the Malibu Lagoon and Creek surface water, fecal coliform concentrations ranged from less than the reporting limit of 2.0 MPN/100 mL at L-002 and L-005 to 1,700 MPN/100 mL at L-006. The average fecal coliform concentration in the Malibu Lagoon and Creek surface water was 199 MPN/100 mL.

Nitrogen

Nitrate as Nitrogen

In the near shore surface water, detected nitrate as nitrogen concentrations ranged from 0.10 milligrams per liter (mg/L) at N-001, N-002, and N-004 to 0.16 mL at N-001. Nitrate as nitrogen concentrations exceeded the reporting limit, which ranged from 0.1 to 0.5 mg/L, in seven (7) out of twenty (20) samples collected during 2018.

In the Malibu Lagoon and Creek surface water, detected nitrate as nitrogen concentrations ranged from 0.11 mg/L at L-006 to 3.17 mL at L-001. Nitrate as nitrogen concentrations exceeded the reporting limit, which ranged from 0.1 to 5.0 mg/L, in eleven (11) out of thirty (30) samples collected during 2018.

Other Forms of Nitrogen

All nitrite as nitrogen concentrations in surface water samples collected at the near shore and Malibu Lagoon and Creek sampling locations during 2018 were not detected above the reporting limit, which ranged from 0.1 to 5.0 mg/L.

In the near shore surface water, organic nitrogen concentrations in 2018 were not detected above the reporting limit of 0.5 mg/L, except for N-004 (1.4 mg/L) during the fourth quarter of 2018.

In the Malibu Lagoon and Creek surface water, organic nitrogen concentrations ranged from less than the reporting limit of 0.5 mg/L in eleven (11) samples to 3.8 mg/L at L-004. An average concentration of 1.18 mg/L was calculated for all surface water samples collected from Malibu Lagoon and Creek[4].

Ammonia (NH_3^+) is the primary form of nitrogen in OWDS effluent, and it is converted to nitrate during the leaching process through the vadose zone (Figure 15). Ammonia (as nitrogen) in surface water samples was detected in four (4) samples in 2018. In the near shore surface water, ammonia (as nitrogen) was detected at N-002 and N-003 at concentrations of 5.47 mg/L and 0.466 mg/L,

[2] The upper detection limit (2,400 MPN/100 mL) was used for results that exceeded the upper detection limit to calculate the average total coliform concentration.

[3] A value half of the reporting detection limit was used to calculate the average for fecal coliform results below the reporting limit.

[4] A value half of the reporting limit was used to calculate the average for organic nitrogen results below the reporting limit.

respectively. In the Malibu Lagoon and Creek surface water, ammonia (as nitrogen) was detected at L-003 and L-005 at concentrations of 0.187 mg/L and 0.116 mg/L, respectively, during the fourth quarter of 2018.

Total Kjeldahl Nitrogen (TKN) concentrations in the near shore surface water samples collected in 2018 were not detected above the reporting limit of 0.4 mg/L, except for N-004 (1.40 mg/L) during the fourth quarter of 2018. TKN concentrations in the Malibu Lagoon and Creek sampling locations ranged from 0.567 mg/L at L-005 to 3.8 mg/L at L-004.

Total Phosphorous

Total phosphorus was detected in 13 of 20 surface water samples collected at the near shore sampling locations in 2018, ranging from 0.031 mg/L at N-002 to 0.40 mg/L at N-004. Total phosphorus was also detected above the reporting limit in all the Malibu Lagoon and Creek sampling locations, ranging from 0.085 mg/L at L-004 to 985 mg/L at L-002.

6.2 Groundwater

6.2.1 Sampling Methodology

A total of sixteen (16) groundwater monitoring wells were sampled during June 2018 (Task I, III, and IV) and August 2018 (Task II, III, and IV). A total of nine (9) wells were sampled in November 2018 (Task II), but were resampled in December 2018, due to issues with the laboratory test media during fecal coliform analysis, as detailed in Section 6.3 below.

Prior to sampling, a minimum of three (3) casing volumes were purged from each well using a submersible pump. Purging stopped when consecutive water quality measurements (temperature, electrical conductivity, and pH) varied by less than 10 percent or until the well purged dry, which ever occurred first. Field equipment was decontaminated between each well. Purged groundwater and decontamination water was stored in a 500-gallon high-density polyethylene tank during field activities, and properly disposed at the CCWTF.

Once the wells were purged, groundwater samples were collected using preserved and non-preserved containers supplied by FGL or Enthalpy. The containers were capped, labeled, placed in Ziploc bags, and stored on ice in coolers pending delivery to FGL or Enthalpy. Field data are included in Appendix A.

6.2.2 Laboratory Analyses

Total Coliform

During the 2018 groundwater monitoring events, total coliform concentrations ranged from less than the reporting limit (1.8 or 2.0 MPN/100 mL) in ten (10) samples to at or above the laboratory upper detection limit of 2,400 or 4,800 MPN/100 mL in five (5) samples. The average total coliform concentration in the groundwater samples collected in 2018 was 464 MPN/100 mL[5].

[5] A value half of the reporting limit was used to calculate the average for results below the reporting limit and the upper detection limit (2,400 or 4,800 MPN/100 mL) was used for results that exceeded the upper detection limit to calculate the average total coliform concentration.

Fecal Coliform

In groundwater samples collected during the 2018 calendar year, fecal coliform concentrations ranged from less than the reporting limit, ranging 1.0 and 2.0 MPN/100 mL, in thirty (30) of thirty-eight (38) samples to 140 MPN/100 mL in MCWP-MW07D. The average fecal coliform concentration in the groundwater samples collected in 2018 was 6.2 MPN/100 mL[6].

Nitrogen

Nitrate as Nitrogen

During the 2018 calendar year, nitrate as nitrogen in groundwater samples ranged from less than reporting limits of 0.1 and 2.0 mg/L in nine (9) wells to 18.5 mg/L in SMBRP-9 with an average concentration of 4.03 mg/L[7]. SMBRP-9 and SMBRP-11 had the highest detected nitrate as nitrogen concentrations throughout the year.

Other forms of Nitrogen

During the 2018 calendar year, nitrite as nitrogen concentrations were detected in seven (7) groundwater samples ranging from 0.11 mg/L in MCWP-MW07D to 1.58 mg/L in MCWP-MW04S.

Organic nitrogen concentrations were detected above the reporting limit of 0.5 mg/L in 10 groundwater samples, ranging from 0.52 mg/L in SMBRP-12 to 1.20 mg/L in MCWP-MW04S. Organic nitrogen was detected in MCWP-MW04S during each groundwater monitoring event.

Ammonia (as nitrogen) concentrations were detected in 15 groundwater samples, ranging from 0.222 mg/L in SMBRP-13 and MCWP-MW06 to 4.99 mg/L in SMBRP-12. Ammonia (as nitrogen) was detected in SMBRP-11 and SMBRP-12 during each groundwater monitoring event.

TKN concentrations were detected in twenty-one (21) groundwater samples, ranging 0.402 mg/L in MCWP-MW07D to 5.40 mg/L in SMBRP-12 with an average concentration of 0.925 mg/L[8].

Total Phosphorous

During the 2018 calendar year, total phosphorus concentrations in groundwater samples analyzed ranged from 0.031 mg/L in SMBRP-11 to 4.35 mg/L in LAMW-5S with an average concentration of 0.542 mg/L.

Total Dissolved Solids

Total dissolved solids (TDS) concentrations in groundwater samples analyzed during the 2018 calendar year ranged from 134 mg/L in MCWP-MW07D to 7,290 mg/L in MBCMW-09 with an average concentration of 2,156 mg/L.

6.3 Analytical Laboratory QA/QC

FGL and Enthalpy performed quality assurance/quality control (QA/QC) measures including the recovery of surrogates. FGL and Enthalpy followed all QA/QC procedures per method requirements.

[6] A value half of the reporting limit was used to calculate the average for fecal coliform results below the reporting limit

[7] A value half of the reporting limit was used to calculate the average for nitrate as nitrogen results below the reporting limit

[8] A value half of the reporting limit was used to calculate the average for TKN results below the reporting limit

Any exceedances are indicated in the Case Narrative of the analytical laboratory reports. The Notes column of the analytical laboratory reports also has the QC flags. Definitions for the QC flags are at the end of the analytical laboratory reports.

Enthalpy alerted Rincon on November 12, 2018 that the fecal coliform results for samples collected during the surface water sampling event on November 6, 2018 and groundwater sampling event on November 6 and 7, 2018 were unreportable due to issues with the test media. Therefore, all surface water monitoring locations and groundwater monitoring wells were resampled on December 18 and 19, 2018.

7 Scheduled Activities for 2019

The following activities will be completed during 2019:

- Rincon will continue to conduct groundwater sampling activities at nine (9) groundwater monitoring wells and ten (10) surface water sampling locations on a quarterly basis (Task II).
- Rincon will collect and analyze groundwater for SNMP and MOU compliance (Tasks III and IV).
- Rincon will measure depth to water in the groundwater monitoring wells on a monthly basis (Task V).
- Rincon will prepare the Fourth Quarter 2018, 2018 Annual, First Quarter 2019, Second Quarter 2019, and Third Quarter 2019 Groundwater and Surface Water Monitoring Reports for City submittal to the LARWQCB.

8 Summary of Monitoring Activities

8.1 Groundwater Elevations

In the shallow groundwater monitoring wells, a general decreasing trend was observed in each quarter, except for the second quarter of 2018 where groundwater elevations generally increased. Groundwater elevations decreased in all groundwater monitoring wells in close proximity to Malibu Lagoon and Creek (C-1, C-2, CCPNE, CCPE, CCPSW, P-4, P-9, MCWP-MW10, SMBRP-2, and SMBRP-6). Groundwater elevations increased in groundwater monitoring wells in the vicinity of Civic Center Way and Stuart Ranch Road (MBCMW-7, MBCMW-8, MCWP-MW04S, SMBRP-10C, and SMBRP-16) and further south towards the coastline (MCWP-MW07S and SMBRP-12). Shallow groundwater generally flows southeast to south, towards the coastline.

Groundwater elevations decreased in all deep groundwater monitoring wells when comparing groundwater elevations between January and December 2018.

At Winter Canyon, the groundwater elevations at LAMW-5S and SMBRP-11 increased between January and December 2018.

8.2 Surface Water Quality

Increased concentrations of total coliform were observed at the surface water sampling locations during the fourth quarter of 2018, with all concentrations meeting or exceeding the upper laboratory reporting limit of 2,400 MPN/100 mL.

In the near shore surface water, fecal coliform was detected in each of the four (4) sampling locations during the second quarter of 2018. For the remaining monitoring events in 2018, fecal coliform was only detected at N-003 during the third and fourth quarter monitoring events. At the Malibu Lagoon and Creek sampling locations, fecal coliform was detected in every surface water sample collected in 2018, with the exception of L-002 and L-005 during the third quarter of 2018.

Low concentrations of the various forms of nitrogen were observed at the near shore and Malibu Lagoon and Creek surface water sampling locations.

8.3 Groundwater Quality

Total coliform concentrations in groundwater monitoring well samples exceeded the upper limit concentration of 4,800 MPN/100 mL at SMBRP-9 in the third quarter of 2018 and exceeded upper limit concentration of 2,400 at four (4) groundwater monitoring locations in the fourth quarter of 2018. Total coliform concentrations decreased in three (3) locations, with SMBRP-9 decreasing from greater than 4,800 MPN/100 mL in the third quarter of 2018 to 360 MPN/100 mL in the fourth quarter of 2018.

Detections of fecal coliform were not reported during the second quarter 2018 groundwater monitoring event. Fecal coliform concentrations were detected above the reporting limit of 2.0 MPN/100 mL in one (1) sample collected during the third quarter of 2018 and in seven (7) samples collected during the fourth quarter of 2018.

Nitrate as nitrogen concentrations were detected above the reporting limit of 0.1 and 2.0 mg/L in all but nine (9) groundwater samples collected during 2018. Groundwater monitoring wells SMBRP-9 and SMBRP-11 had the highest detected nitrate as nitrogen concentrations throughout the year.

TDS concentrations in groundwater samples analyzed during 2018 ranged from 134 mg/L at MCWP-MW07D to 7,290 mg/L at MBCMW-09 with an average concentration of 2,156 mg/L, which is a decrease from an average concentration of 2,752 mg/L during 2017.

9 Limitations

This report has been prepared for and is intended for the exclusive use of the City of Malibu. The contents of this report should not be relied upon by any other party without the written consent of Rincon Consultants, Inc.

Our conclusions regarding the site are based on observations of existing site conditions, our interpretation of site usage information, and the results of a limited subsurface sampling and chemical testing program. The concentrations of contaminants measured at any given location may not be representative of conditions at other locations intermediate to the locations sampled. Furthermore, conditions may change at any particular location as a function of time in response to

natural conditions, chemical reactions, and other events. Conclusions regarding the condition of the site do not represent a warranty that all areas within the site are similar to those sampled.

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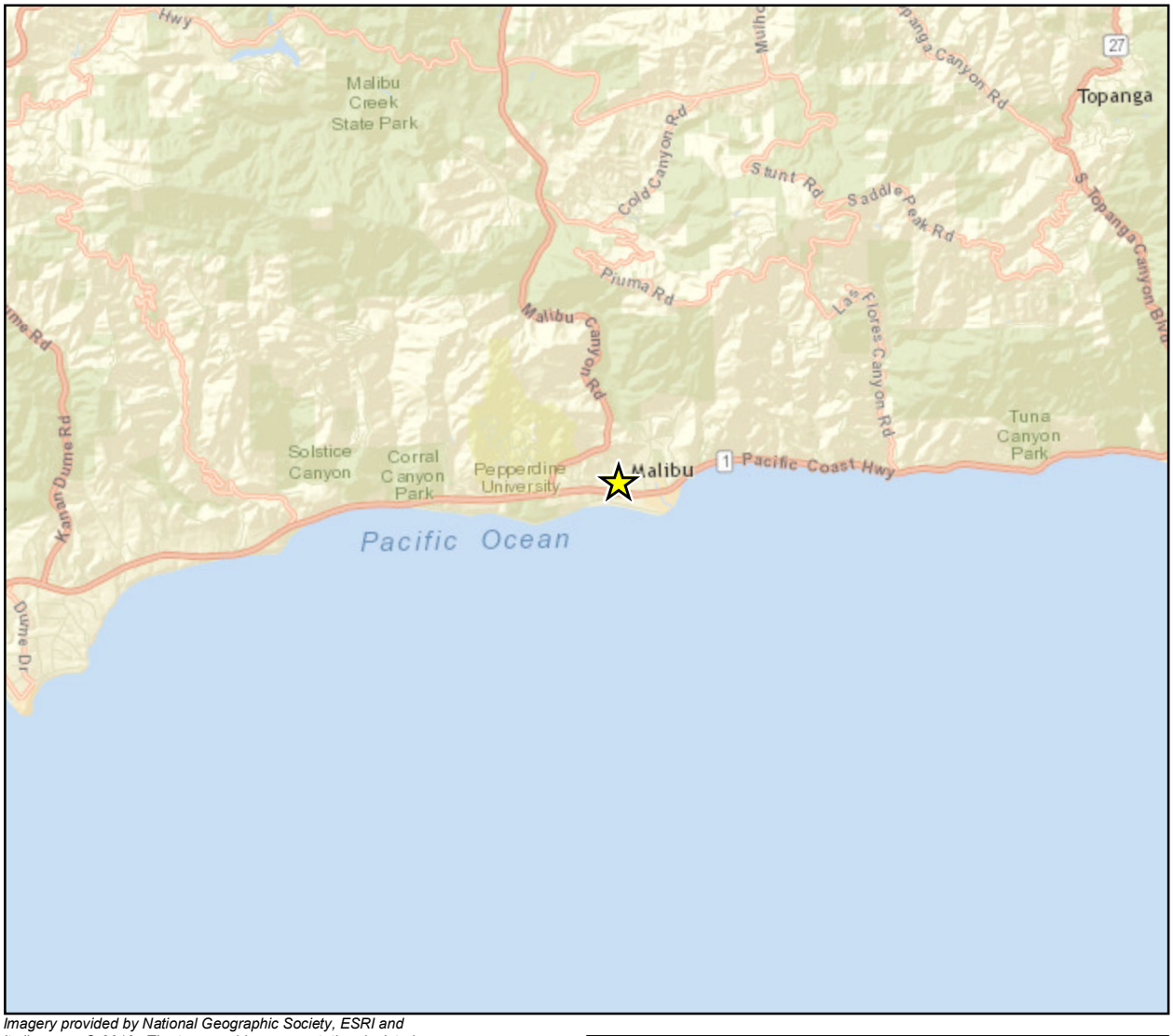
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Figures



Imagery provided by National Geographic Society, ESRI and its licensors © 2016. The topographic representation depicted in this map may not portray all of the features currently found in the vicinity today and/or features depicted in this map may have changed since the original topographic map was assembled.



Project Location

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Vicinity Map

Figure 1

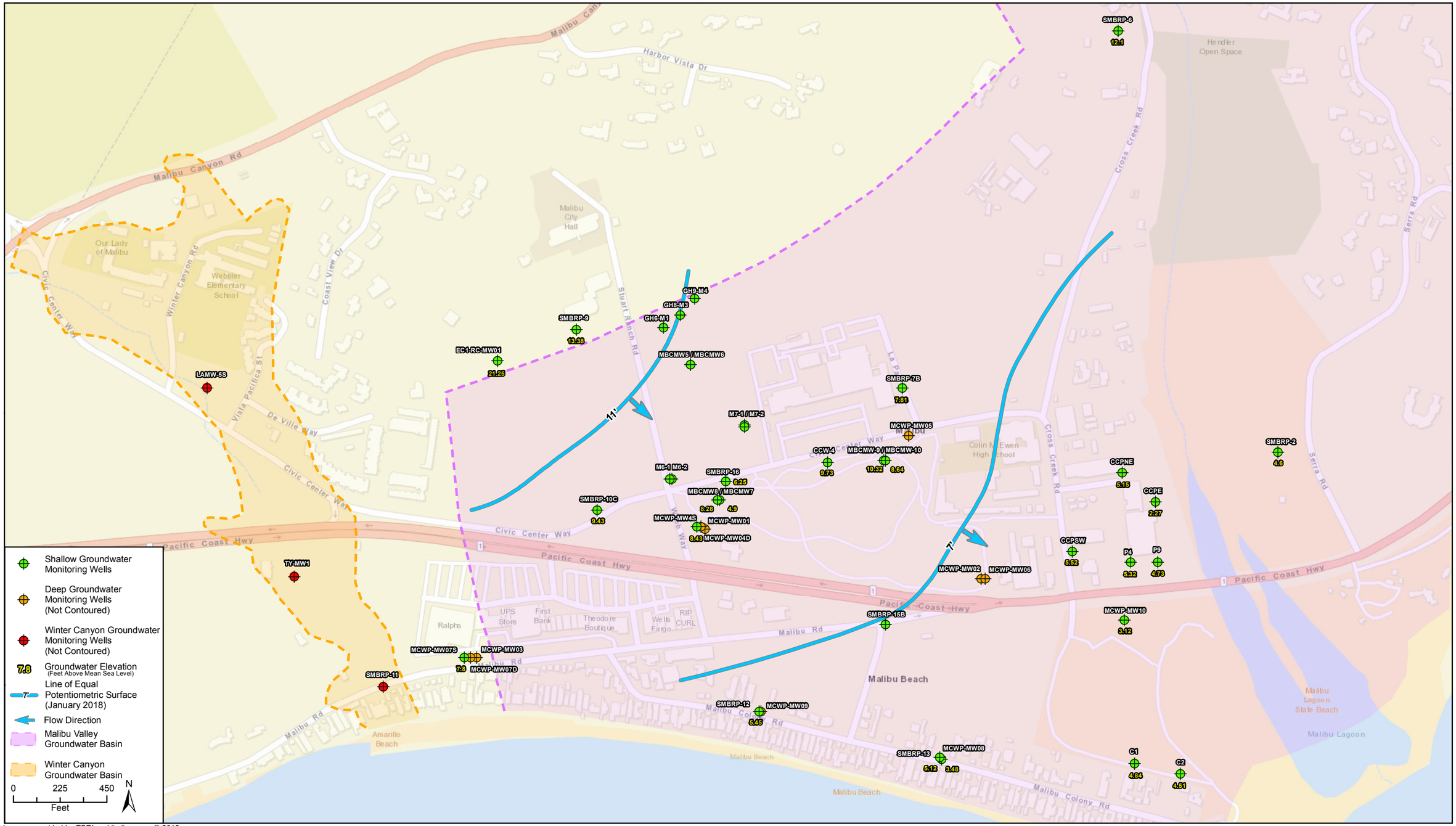


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Site Map - Civic Center Area

Figure 2

Rincon Consultants Inc.

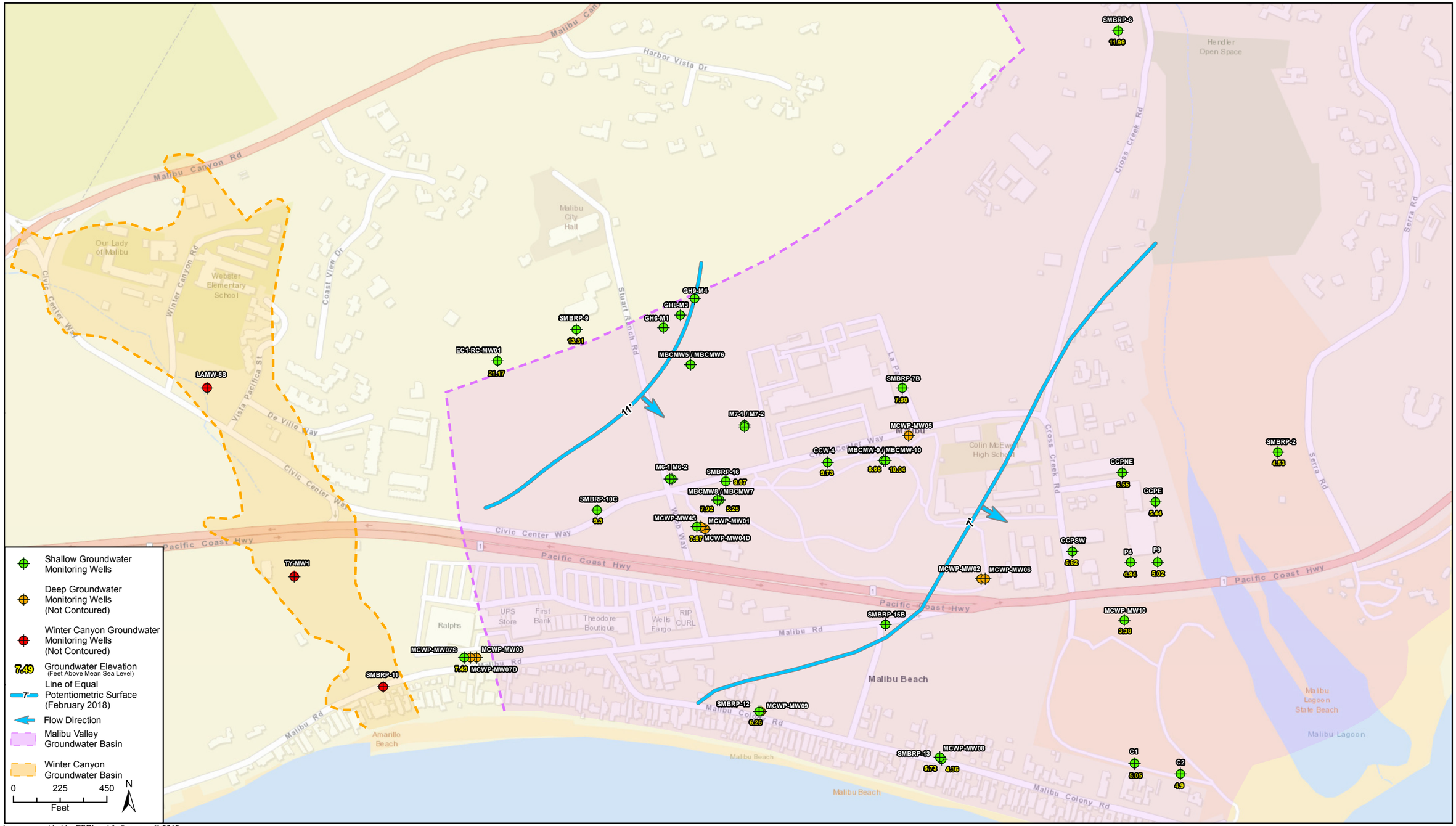


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Note: MBCMW-7 and SMBRP-16 were not included in contour due to anomalous readings

Shallow Groundwater Elevation
January 2018

Figure 3

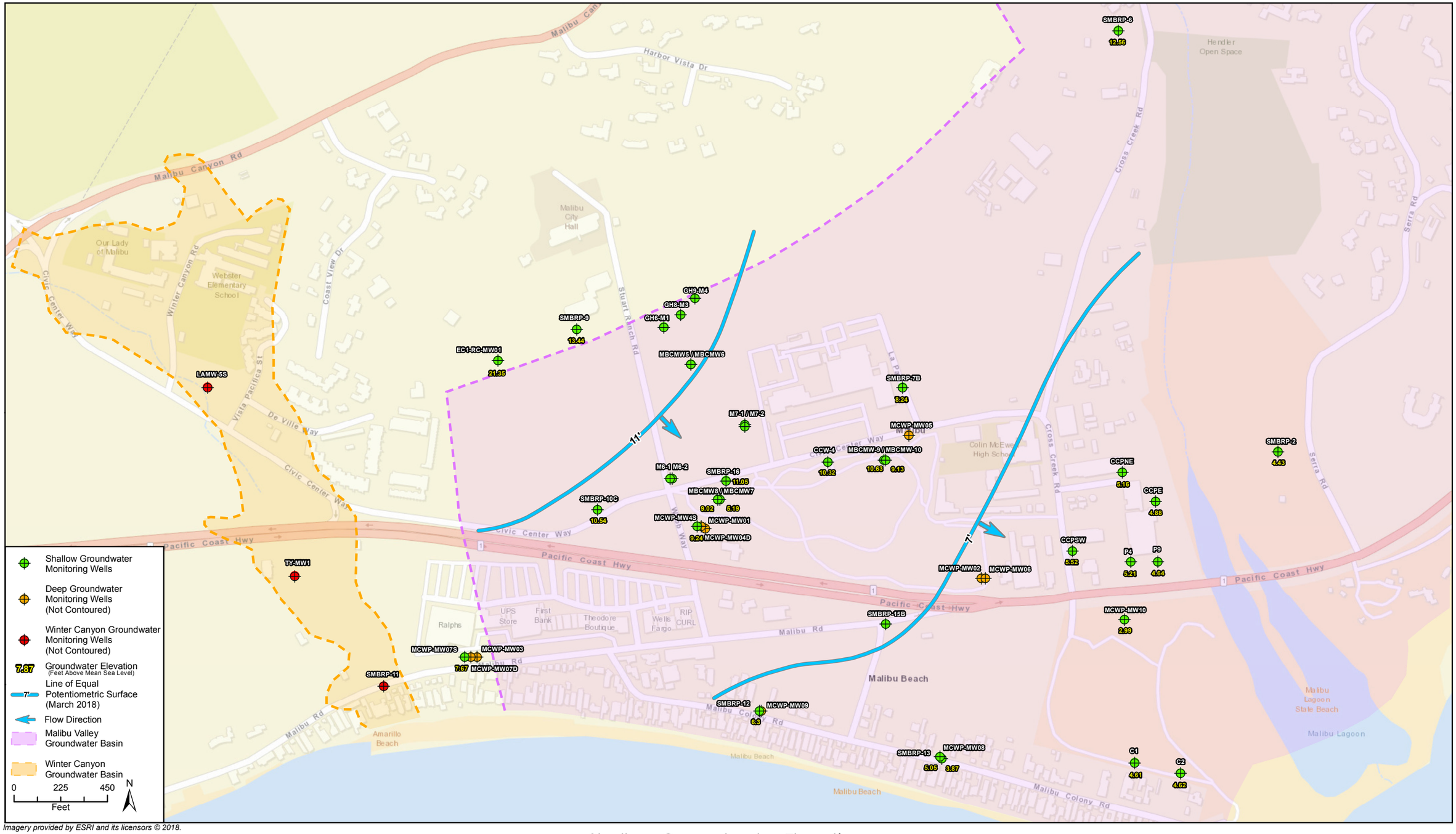


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Note: MBCMW-7 was not included in contour due to anomalous reading

Shallow Groundwater Elevation
February 2018

Figure 4



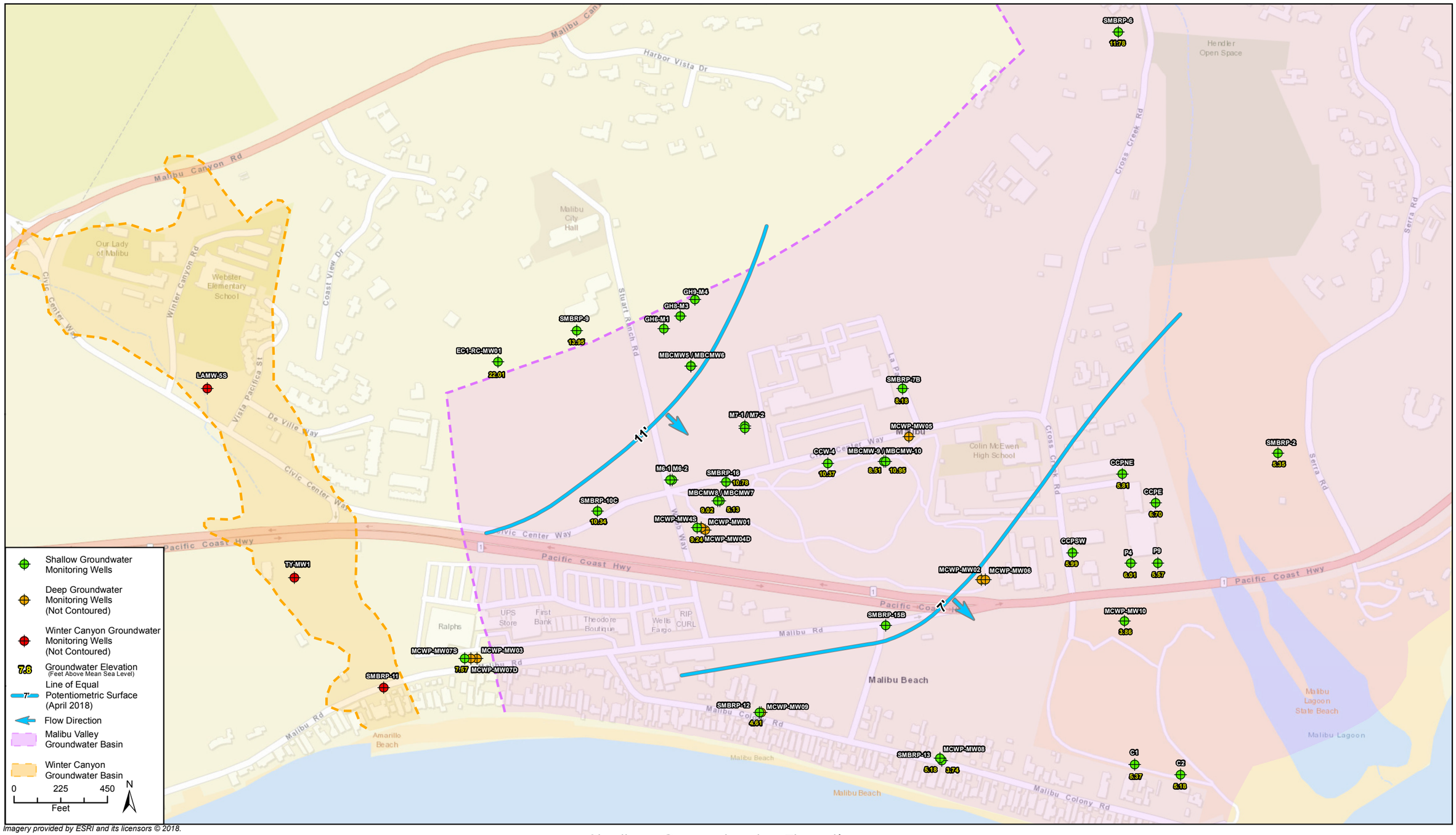
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Note: MBCMW-7 was not included in contour due to anomalous readings

Shallow Groundwater Elevation
March 2018

Figure 5

Rincon Consultants Inc.

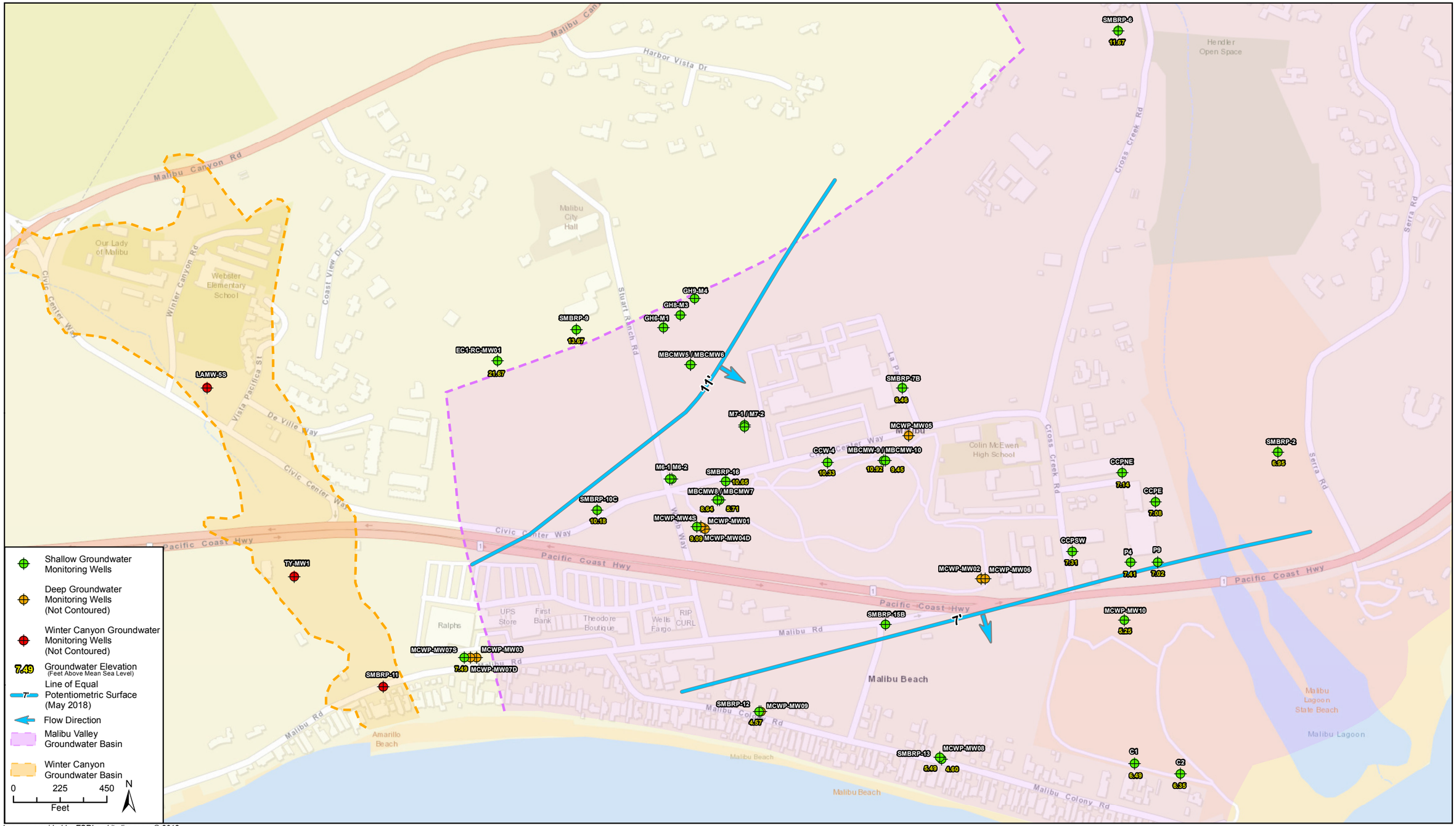


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Shallow Groundwater Elevation
April 2018

Figure 6

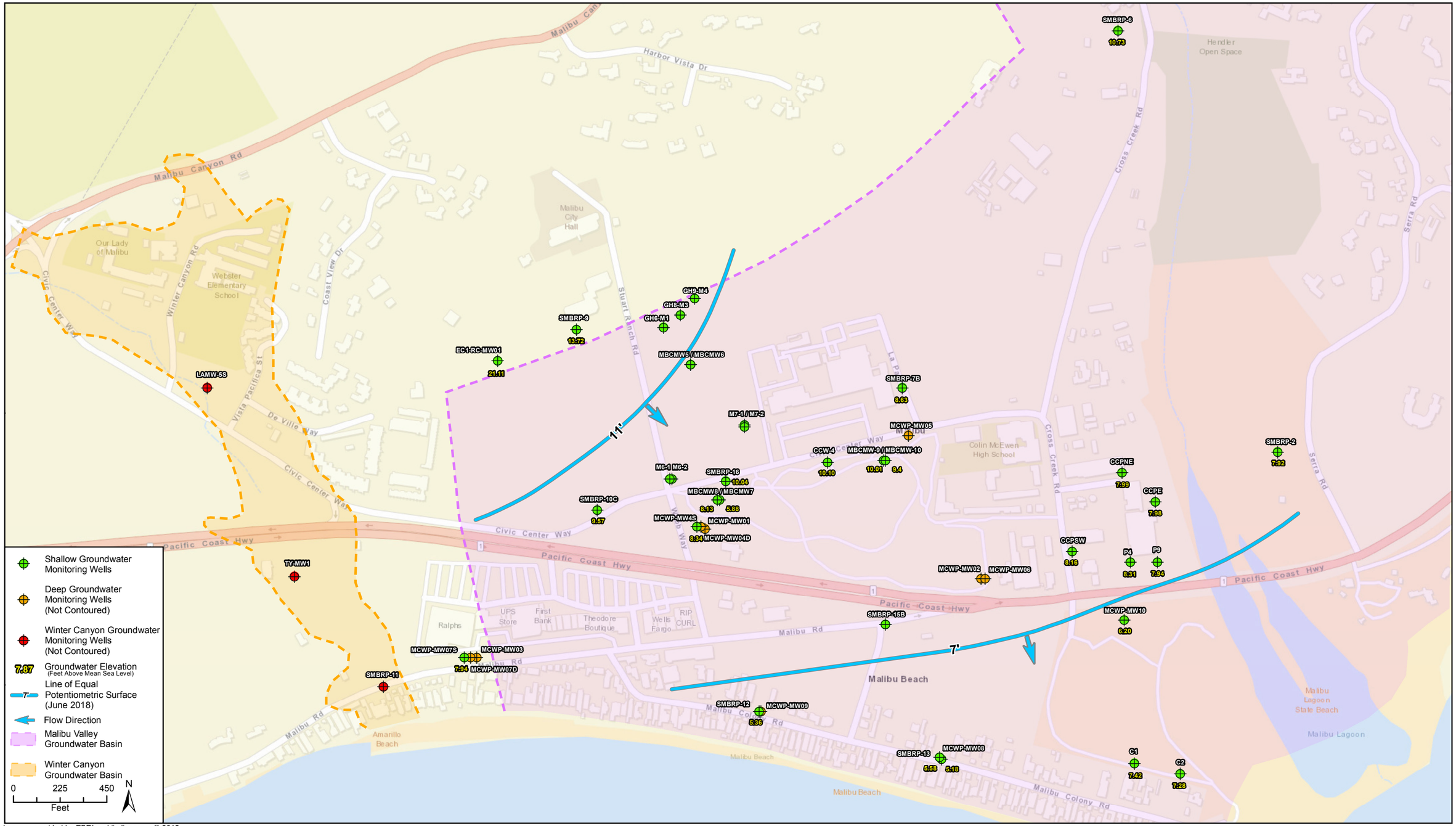
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Shallow Groundwater Elevation
May 2018

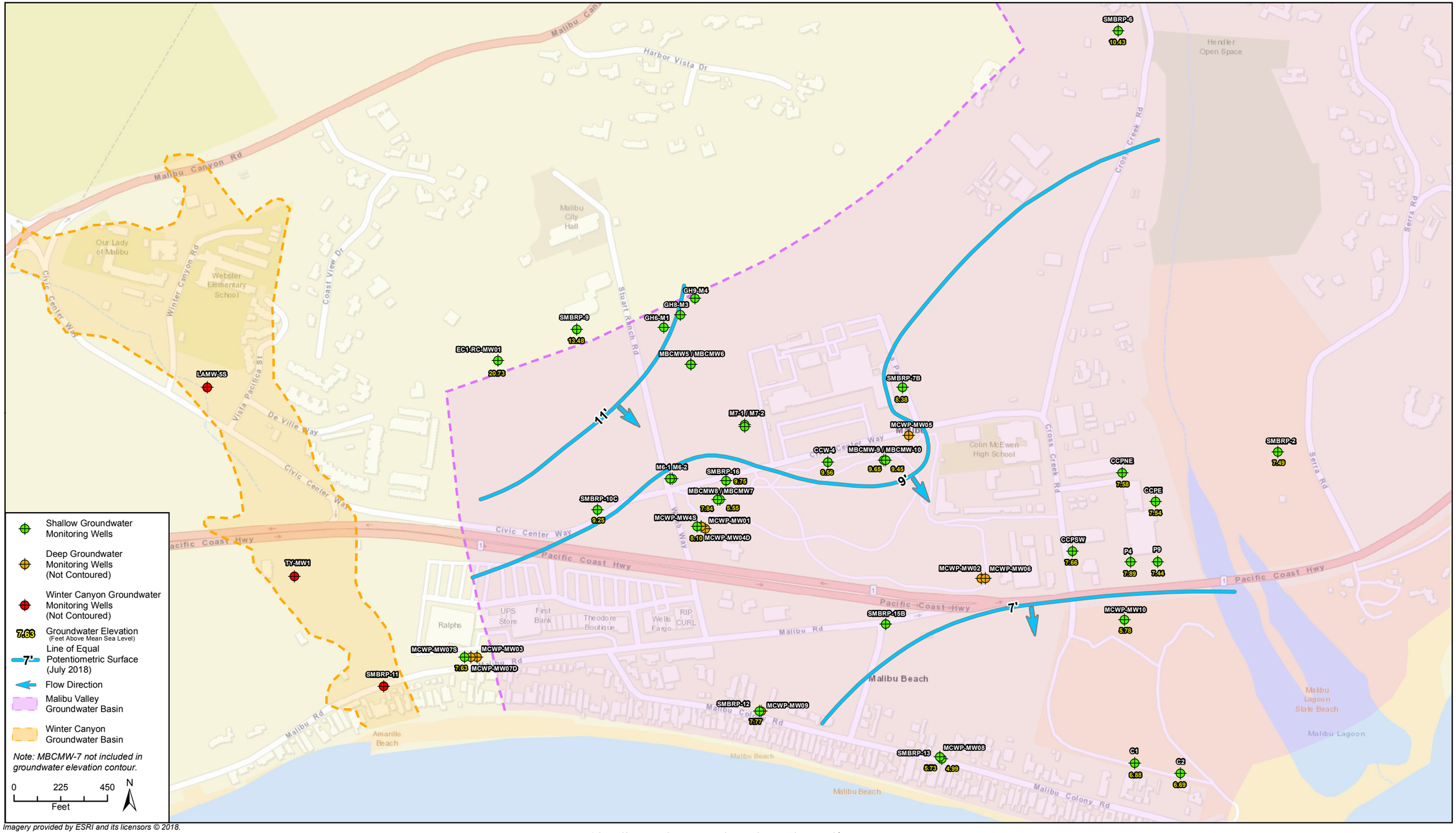
Figure 7



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Shallow Groundwater Elevation
June 2018

Figure 8

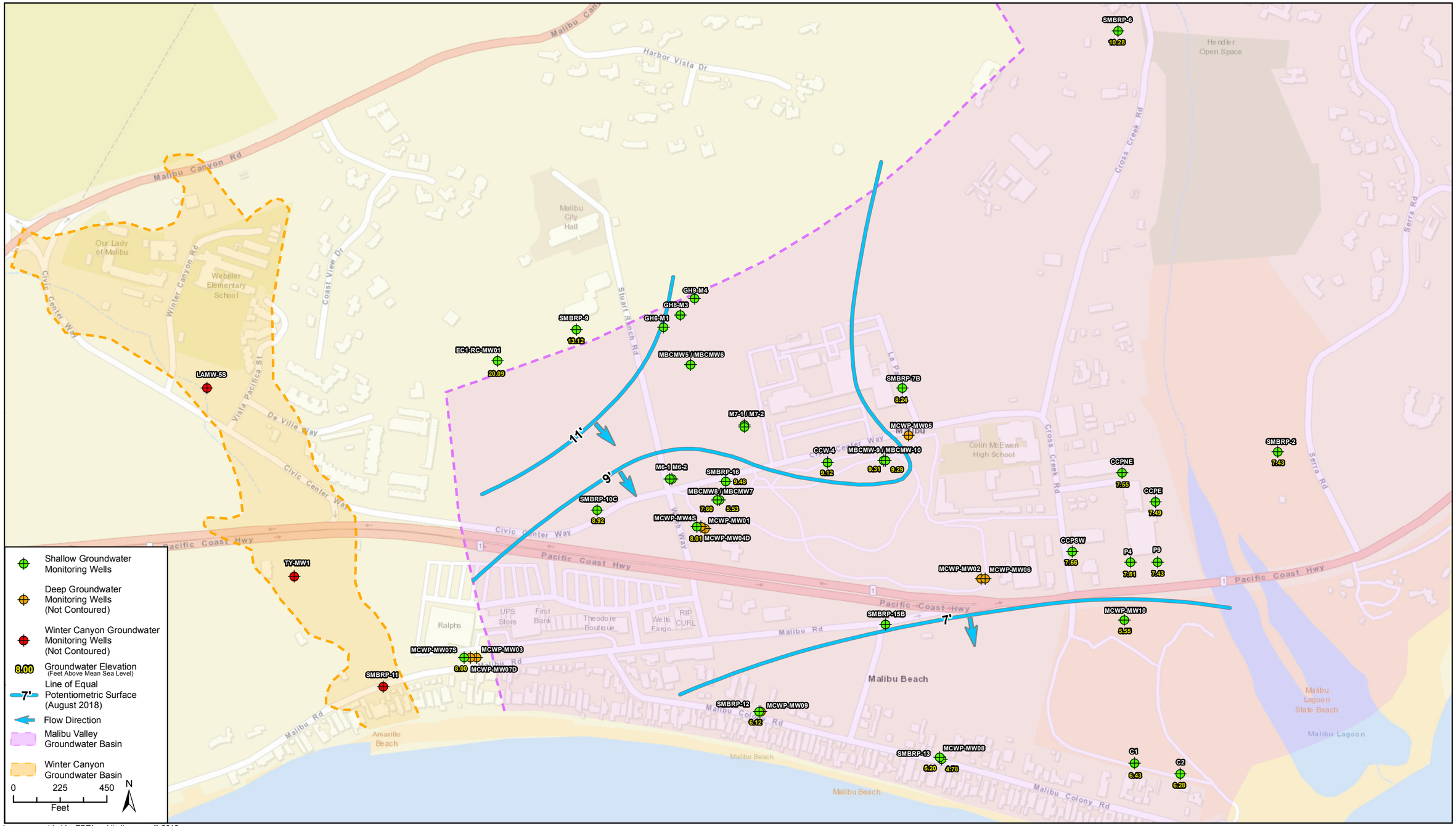


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Shallow Groundwater Elevation
July 2018

Figure 9

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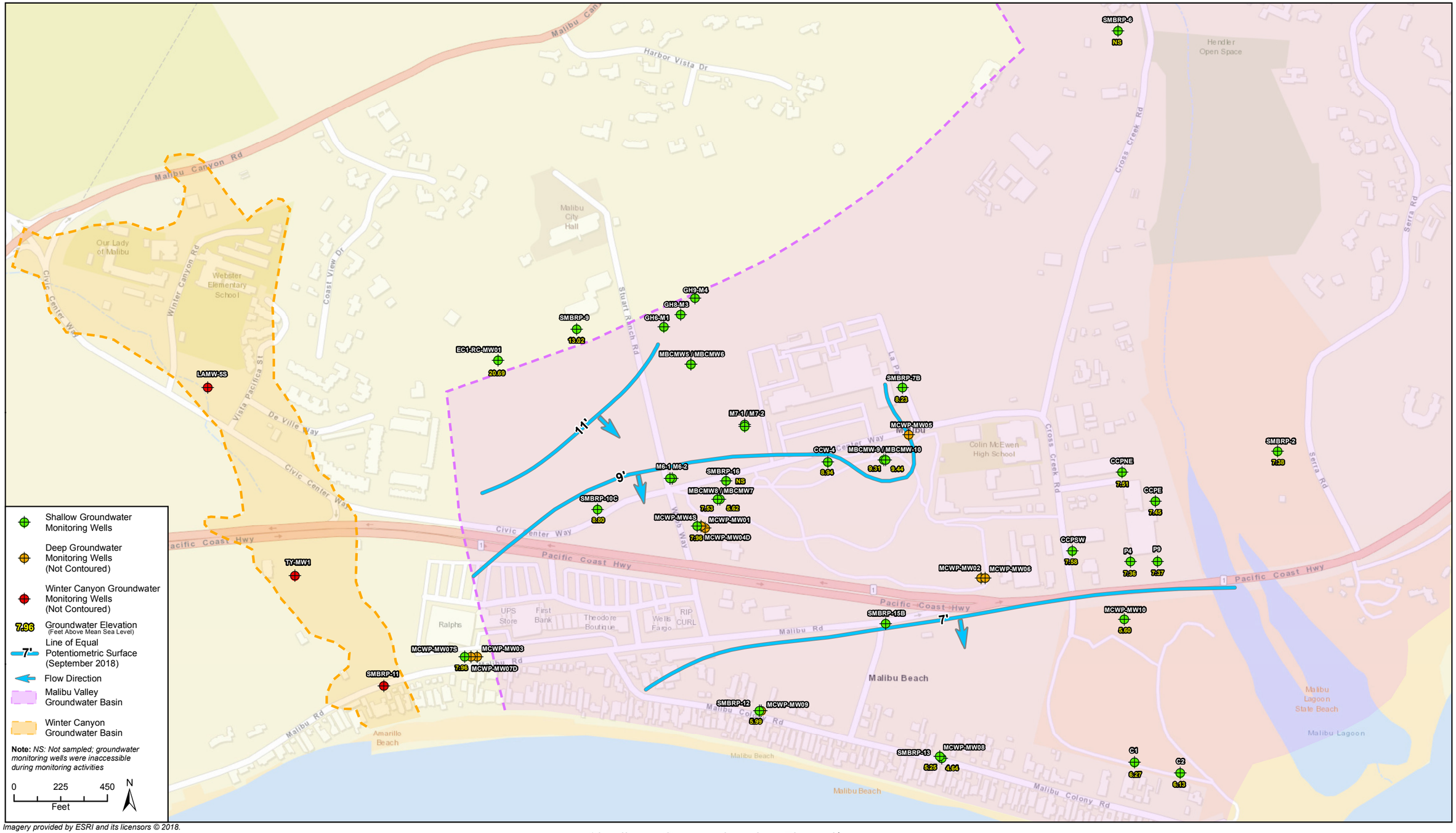


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Shallow Groundwater Elevation
August 2018

Figure 10

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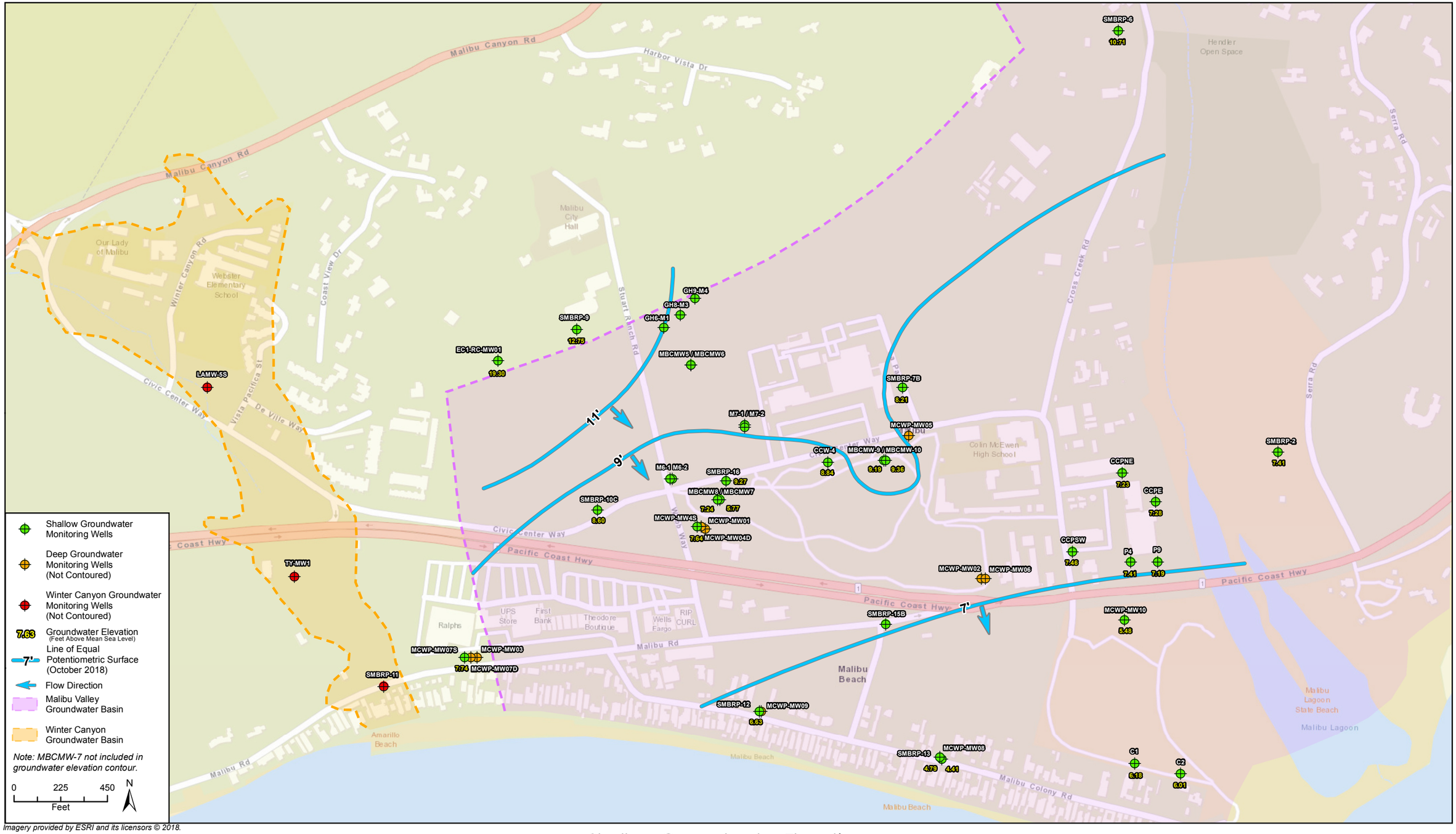


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Shallow Groundwater Elevation
September 2018

Figure 11

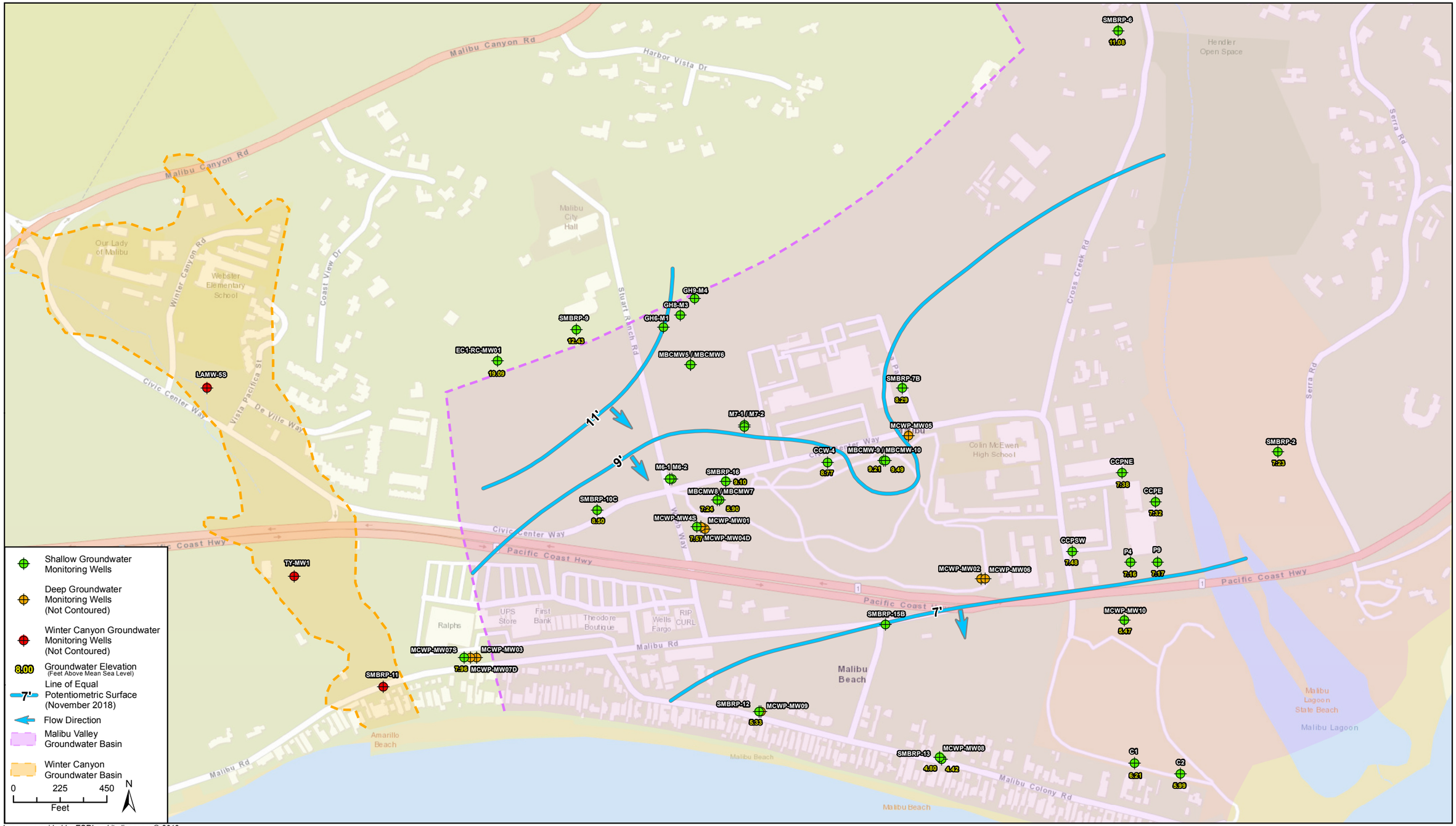
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Shallow Groundwater Elevation
October 2018

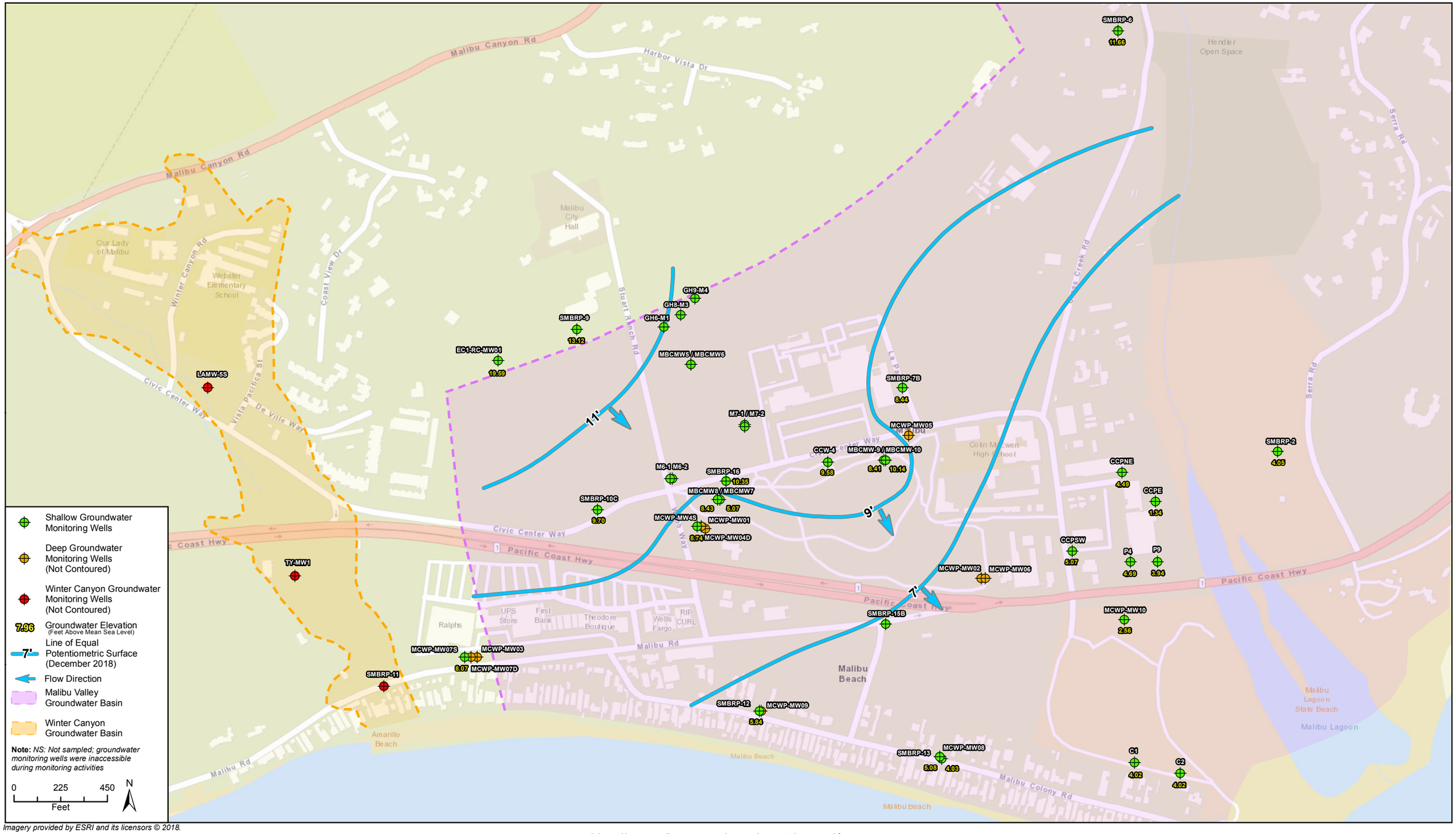
Figure 12



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Shallow Groundwater Elevation
November 2018

Figure 13

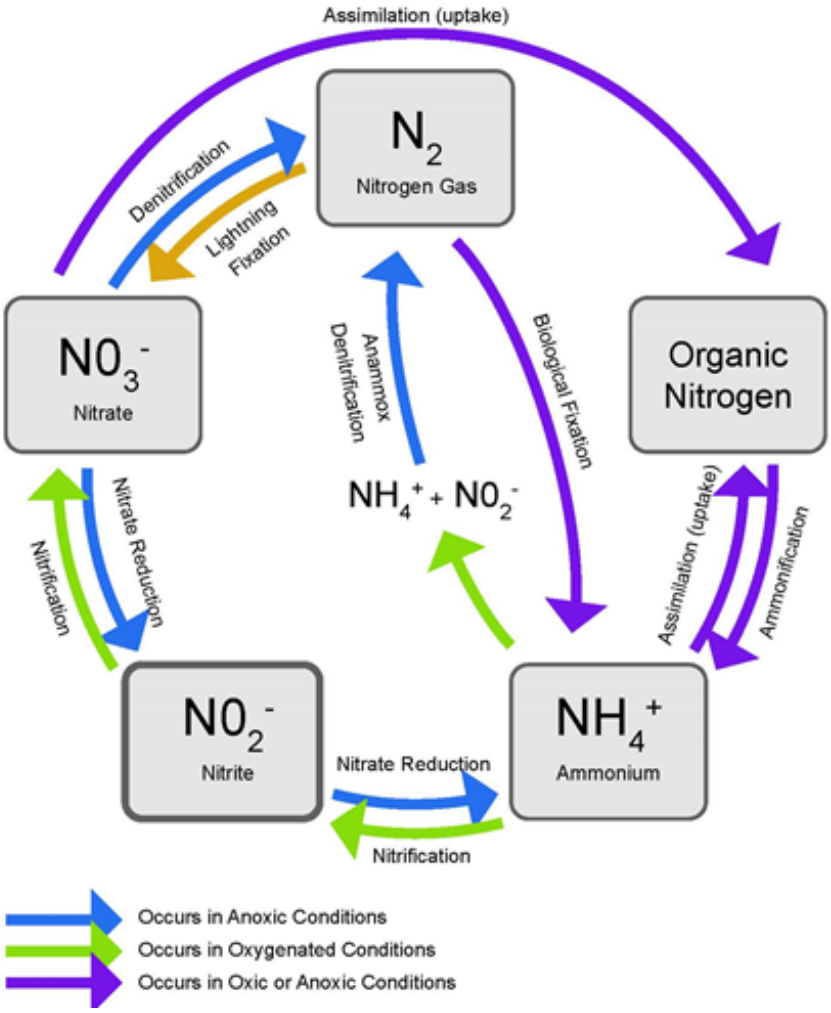


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Shallow Groundwater Elevation
December 2018

Figure 14

Rincon Consultants Inc.



The Nitrogen Cycle Figure 15

Tables

Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
C-1	8/24/2015	11.47	N/A	-
C-1	9/21/2015	11.47	N/A	-
C-1	10/20/2015	11.47	N/A	-
C-1	11/16/2015	11.47	5.07	6.40
C-1	12/14/2015	11.47	4.12	7.35
C-1	1/14/2016	11.47	6.65	4.82
C-1	2/16/2016	11.47	6.65	4.82
C-1	3/14/2016	11.47	6.80	4.67
C-1	4/25/2016	11.47	5.72	5.75
C-1	5/16/2016	11.47	4.59	6.88
C-1	6/17/2016	11.47	4.72	6.75
C-1	7/20/2016	11.47	5.32	6.15
C-1	8/20/2016	11.47	5.42	6.05
C-1	9/19/2016	11.47	5.47	6.00
C-1	10/21/2016	11.47	5.64	5.83
C-1	11/18/2016	11.47	4.71	6.76
C-1	12/19/2016	11.47	6.75	4.72
C-1	1/17/2017	11.47	6.89	4.58
C-1	2/24/2017	11.47	7.28	4.19
C-1	3/27/2017	11.47	6.66	4.81
C-1	4/17/2017	11.47	7.32	4.15
C-1	5/22/2017	11.47	6.74	4.73
C-1	6/20/2017	11.47	4.49	6.98
C-1	7/28/2017	11.47	4.51	6.96
C-1	8/25/2017	11.47	4.61	6.86
C-1	9/11/2017	11.47	4.96	6.51
C-1	10/16/2017	11.47	5.13	6.34
C-1	11/15/2017	11.47	5.32	6.15
C-1	12/11/2017	11.47	7.70	3.77
C-1	1/22/2018	11.47	6.63	4.84
C-1	2/14/2018	11.47	6.42	5.05
C-1	3/19/2018	11.47	6.86	4.61
C-1	4/23/2018	11.47	6.10	5.37
C-1	5/10/2018	11.47	4.98	6.49
C-1	6/19/2018	11.47	4.05	7.42
C-1	7/10/2018	11.47	4.59	6.88
C-1	8/20/2018	11.47	5.04	6.43
C-1	9/17/2018	11.47	5.20	6.27
C-1	10/4/2018	11.47	5.29	6.18
C-1	11/5/2018	11.47	5.26	6.21
C-1	12/17/2018	11.47	7.45	4.02
C-1	1/3/2019	11.47	7.06	4.41

Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
C-2	8/24/2015	11.19	5.11	6.08
C-2	9/21/2015	11.19	4.92	6.27
C-2	10/20/2015	11.19	5.18	6.01
C-2	11/16/2015	11.19	4.96	6.23
C-2	12/14/2015	11.19	3.93	7.26
C-2	1/14/2016	11.19	6.44	4.75
C-2	2/16/2016	11.19	6.34	4.85
C-2	3/14/2016	11.19	6.50	4.69
C-2	4/25/2016	11.19	5.54	5.65
C-2	5/16/2016	11.19	4.49	6.70
C-2	6/17/2016	11.19	4.62	6.57
C-2	7/20/2016	11.19	5.16	6.03
C-2	8/20/2016	11.19	5.25	5.94
C-2	9/19/2016	11.19	5.21	5.98
C-2	10/21/2016	11.19	5.46	5.73
C-2	11/18/2016	11.19	4.48	6.71
C-2	12/19/2016	11.19	6.74	4.45
C-2	1/17/2017	11.19	6.51	4.68
C-2	2/24/2017	11.19	6.84	4.35
C-2	3/27/2017	11.19	6.55	4.64
C-2	4/17/2017	11.19	7.05	4.14
C-2	5/22/2017	11.19	6.54	4.65
C-2	6/20/2017	11.19	3.81	7.38
C-2	7/28/2017	11.19	4.37	6.82
C-2	8/25/2017	11.19	4.57	6.62
C-2	9/11/2017	11.19	4.86	6.33
C-2	10/16/2017	11.19	4.95	6.24
C-2	11/15/2017	11.19	5.04	6.15
C-2	12/11/2017	11.19	7.46	3.73
C-2	1/22/2018	11.19	6.68	4.51
C-2	2/14/2018	11.19	6.29	4.90
C-2	3/19/2018	11.19	6.57	4.62
C-2	4/23/2018	11.19	6.01	5.18
C-2	5/10/2018	11.19	4.84	6.35
C-2	6/19/2018	11.19	3.91	7.28
C-2	7/10/2018	11.19	4.50	6.69
C-2	8/20/2018	11.19	4.91	6.28
C-2	9/17/2018	11.19	5.06	6.13
C-2	10/4/2018	11.19	5.18	6.01
C-2	11/5/2018	11.19	5.20	5.99
C-2	12/17/2018	11.19	7.17	4.02
C-2	1/3/2019	11.19	6.79	4.40

Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
CCPE	8/24/2015	12.94	5.76	7.18
CCPE	9/21/2015	12.94	5.61	7.33
CCPE	10/20/2015	12.94	5.87	7.07
CCPE	11/16/2015	12.94	5.79	7.15
CCPE	12/14/2015	12.94	4.52	8.42
CCPE	1/14/2016	12.94	7.95	4.99
CCPE	2/16/2016	12.94	8.27	4.67
CCPE	3/14/2016	12.94	8.35	4.59
CCPE	4/25/2016	12.94	7.13	5.81
CCPE	5/16/2016	12.94	5.72	7.22
CCPE	6/17/2016	12.94	6.54	6.40
CCPE	7/20/2016	12.94	6.09	6.85
CCPE	8/20/2016	12.94	6.43	6.51
CCPE	9/19/2016	12.94	6.80	6.14
CCPE	10/21/2016	12.94	6.67	6.27
CCPE	11/18/2016	12.94	5.61	7.33
CCPE	12/19/2016	12.94	11.63	1.31
CCPE	1/17/2017	12.94	8.38	4.56
CCPE	2/24/2017	12.94	8.67	4.27
CCPE	3/27/2017	12.94	8.21	4.73
CCPE	4/17/2017	12.94	8.90	4.04
CCPE	5/22/2017	12.94	8.25	4.69
CCPE	6/20/2017	12.94	5.73	7.21
CCPE	7/28/2017	12.94	5.47	7.47
CCPE	8/25/2017	12.94	5.68	7.26
CCPE	9/11/2017	12.94	6.00	6.94
CCPE	10/16/2017	12.94	5.60	7.34
CCPE	11/15/2017	12.94	5.82	7.12
CCPE	12/11/2017	12.94	8.70	4.24
CCPE	1/22/2018	12.94	10.67	2.27
CCPE	2/14/2018	12.94	7.50	5.44
CCPE	3/19/2018	12.94	8.06	4.88
CCPE	4/23/2018	12.94	6.24	6.70
CCPE	5/10/2018	12.94	5.86	7.08
CCPE	6/19/2018	12.94	4.96	7.98
CCPE	7/10/2018	12.94	5.40	7.54
CCPE	8/20/2018	12.94	5.45	7.49
CCPE	9/17/2018	12.94	5.49	7.45
CCPE	10/4/2018	12.94	5.66	7.28
CCPE	11/5/2018	12.94	5.62	7.32
CCPE	12/17/2018	12.94	11.60	1.34
CCPE	1/3/2019	12.94	10.41	2.53

Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
CCPNE	8/24/2015	13.68	6.44	7.24
CCPNE	9/21/2015	13.68	6.27	7.41
CCPNE	10/20/2015	13.68	6.54	7.14
CCPNE	11/16/2015	13.68	6.74	6.94
CCPNE	12/14/2015	13.68	5.28	8.40
CCPNE	1/14/2016	13.68	8.51	5.17
CCPNE	2/16/2016	13.68	8.65	5.03
CCPNE	3/14/2016	13.68	8.65	5.03
CCPNE	4/25/2016	13.68	7.79	5.89
CCPNE	5/16/2016	13.68	6.39	7.29
CCPNE	6/17/2016	13.68	5.83	7.85
CCPNE	7/20/2016	13.68	6.79	6.89
CCPNE	8/20/2016	13.68	7.16	6.52
CCPNE	9/19/2016	13.68	7.52	6.16
CCPNE	10/21/2016	13.68	7.40	6.28
CCPNE	11/18/2016	13.68	6.32	7.36
CCPNE	12/19/2016	13.68	8.82	4.86
CCPNE	1/17/2017	13.68	8.66	5.02
CCPNE	2/24/2017	13.68	8.80	4.88
CCPNE	3/27/2017	13.68	9.37	4.31
CCPNE	4/17/2017	13.68	9.16	4.52
CCPNE	5/22/2017	13.68	8.97	4.71
CCPNE	6/20/2017	13.68	6.63	7.05
CCPNE	7/28/2017	13.68	6.26	7.42
CCPNE	8/25/2017	13.68	6.51	7.17
CCPNE	9/11/2017	13.68	6.81	6.87
CCPNE	10/16/2017	13.68	6.58	7.10
CCPNE	11/15/2017	13.68	6.52	7.16
CCPNE	12/11/2017	13.68	9.14	4.54
CCPNE	1/22/2018	13.68	8.53	5.15
CCPNE	2/14/2018	13.68	8.13	5.55
CCPNE	3/20/2018	13.68	8.52	5.16
CCPNE	4/23/2018	13.68	7.87	5.81
CCPNE	5/10/2018	13.68	6.54	7.14
CCPNE	6/19/2018	13.68	5.69	7.99
CCPNE	7/10/2018	13.68	6.10	7.58
CCPNE	8/20/2018	13.68	6.13	7.55
CCPNE	9/17/2018	13.68	6.17	7.51
CCPNE	10/4/2018	13.68	6.45	7.23
CCPNE	11/5/2018	13.68	6.30	7.38
CCPNE	12/17/2018	13.68	9.19	4.49
CCPNE	1/3/2019	13.68	8.63	5.05



Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
CCPSW	8/24/2015	13.67	6.29	7.38
CCPSW	9/21/2015	13.67	6.09	7.58
CCPSW	10/20/2015	13.67	6.35	7.32
CCPSW	11/16/2015	13.67	6.24	7.43
CCPSW	12/14/2015	13.67	5.27	8.40
CCPSW	1/14/2016	13.67	8.22	5.45
CCPSW	2/16/2016	13.67	8.11	5.56
CCPSW	3/14/2016	13.67	8.05	5.62
CCPSW	4/25/2016	13.67	7.50	6.17
CCPSW	5/16/2016	13.67	6.18	7.49
CCPSW	6/17/2016	13.67	6.26	7.41
CCPSW	7/20/2016	13.67	6.60	7.07
CCPSW	8/20/2016	13.67	6.92	6.75
CCPSW	9/19/2016	13.67	7.28	6.39
CCPSW	10/21/2016	13.67	7.17	6.50
CCPSW	11/18/2016	13.67	6.22	7.45
CCPSW	12/19/2016	13.67	8.34	5.33
CCPSW	1/17/2017	13.67	8.03	5.64
CCPSW	2/24/2017	13.67	8.27	5.40
CCPSW	3/27/2017	13.67	9.32	4.35
CCPSW	4/17/2017	13.67	8.64	5.03
CCPSW	5/22/2017	13.67	8.86	4.81
CCPSW	6/20/2017	13.67	6.59	7.08
CCPSW	7/28/2017	13.67	6.17	7.50
CCPSW	8/25/2017	13.67	6.47	7.20
CCPSW	9/11/2017	13.67	6.76	6.91
CCPSW	10/16/2017	13.67	6.38	7.29
CCPSW	11/15/2017	13.67	6.36	7.31
CCPSW	12/11/2017	13.67	8.65	5.02
CCPSW	1/22/2018	13.67	8.15	5.52
CCPSW	2/14/2018	13.67	8.05	5.62
CCPSW	3/19/2018	13.67	8.15	5.52
CCPSW	4/23/2018	13.67	7.68	5.99
CCPSW	5/10/2018	13.67	6.36	7.31
CCPSW	6/19/2018	13.67	5.51	8.16
CCPSW	7/10/2018	13.67	6.01	7.66
CCPSW	8/20/2018	13.67	6.01	7.66
CCPSW	9/17/2018	13.67	6.09	7.58
CCPSW	10/4/2018	13.67	6.21	7.46
CCPSW	11/5/2018	13.67	6.19	7.48
CCPSW	12/17/2018	13.67	8.60	5.07
CCPSW	1/3/2019	13.67	8.60	5.07

Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
CCW-4	8/24/2015	15.77	6.50	9.27
CCW-4	9/21/2015	15.77	6.71	9.06
CCW-4	10/20/2015	15.77	6.90	8.87
CCW-4	11/16/2015	15.77	7.02	8.75
CCW-4	12/14/2015	15.77	7.05	8.72
CCW-4	1/14/2016	15.77	6.19	9.58
CCW-4	2/16/2016	15.77	6.17	9.60
CCW-4	3/14/2016	15.77	5.72	10.05
CCW-4	4/25/2016	15.77	5.28	10.49
CCW-4	5/16/2016	15.77	6.45	9.32
CCW-4	6/17/2016	15.77	6.70	9.07
CCW-4	7/20/2016	15.77	7.07	8.70
CCW-4	8/20/2016	15.77	7.33	8.44
CCW-4	9/19/2016	15.77	7.56	8.21
CCW-4	10/21/2016	15.77	7.68	8.09
CCW-4	11/18/2016	15.77	7.84	7.93
CCW-4	12/19/2016	15.77	7.09	8.68
CCW-4	1/17/2017	15.77	4.97	10.80
CCW-4	2/24/2017	15.77	2.04	13.73
CCW-4	3/27/2017	15.77	2.92	12.85
CCW-4	4/17/2017	15.77	5.30	10.47
CCW-4	5/22/2017	15.77	5.72	10.05
CCW-4	6/20/2017	15.77	6.27	9.50
CCW-4	7/28/2017	15.77	7.30	8.47
CCW-4	8/25/2017	15.77	7.74	8.03
CCW-4	9/11/2017	15.77	7.76	8.01
CCW-4	10/16/2017	15.77	6.99	8.78
CCW-4	11/15/2017	15.77	6.43	9.34
CCW-4	12/11/2017	15.77	6.36	9.41
CCW-4	1/22/2018	15.77	6.04	9.73
CCW-4	2/14/2018	15.77	6.04	9.73
CCW-4	3/19/2018	15.77	5.45	10.32
CCW-4	4/23/2018	15.77	5.40	10.37
CCW-4	5/10/2018	15.77	5.44	10.33
CCW-4	6/19/2018	15.77	5.67	10.10
CCW-4	7/10/2018	15.77	6.21	9.56
CCW-4	8/20/2018	15.77	6.65	9.12
CCW-4	9/17/2018	15.77	6.83	8.94
CCW-4	10/4/2018	15.77	6.93	8.84
CCW-4	11/5/2018	15.77	7.00	8.77
CCW-4	12/17/2018	15.77	6.19	9.58
CCW-4	1/3/2019	15.77	6.71	9.06



Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
GH6-M1	8/24/2015	-	28.92	-
GH6-M1	9/21/2015	-	29.11	-
GH6-M1	10/20/2015	-	29.24	-
GH6-M1	11/16/2015	-	29.32	-
GH6-M1	12/14/2015	-	29.43	-
GH6-M1	1/14/2016	-	29.43	-
GH6-M1	2/16/2016	-	29.56	-
GH6-M1	3/14/2016	-	29.44	-
GH6-M1	4/25/2016	-	29.46	-
GH6-M1	5/16/2016	-	29.35	-
GH6-M1	6/17/2016	-	29.20	-
GH6-M1	7/20/2016	-	29.49	-
GH6-M1	8/20/2016	-	29.58	-
GH6-M1	9/19/2016	-	29.69	-
GH6-M1	10/21/2016	-	29.85	-
GH6-M1	11/18/2016	-	29.95	-
GH6-M1	12/19/2016	-	30.05	-
GH6-M1	1/17/2017	-	29.90	-
GH6-M1	2/24/2017	-	28.74	-
GH6-M1	3/27/2017	-	27.63	-
GH6-M1	4/17/2017	-	26.91	-
GH6-M1	5/22/2017	-	26.16	-
GH6-M1	6/20/2017	-	26.13	-
GH6-M1	7/28/2017	-	26.36	-
GH6-M1	8/25/2017	-	26.61	-
GH6-M1	9/11/2017	-	26.81	-
GH6-M1	10/16/2017	-	27.13	-
GH6-M1	11/15/2017	-	27.30	-
GH6-M1	12/11/2017	-	27.51	-
GH6-M1	1/22/2018	-	27.83	-
GH6-M1	2/14/2018	-	27.98	-
GH6-M1	3/19/2018	-	28.10	-
GH6-M1	4/23/2018	-	27.76	-
GH6-M1	5/10/2018	-	27.65	-
GH6-M1	6/19/2018	-	27.72	-
GH6-M1	7/10/2018	-	27.80	-
GH6-M1	8/20/2018	-	27.94	-
GH6-M1	9/17/2018	-	28.16	-
GH6-M1	10/4/2018	-	28.42	-
GH6-M1	11/5/2018	-	28.63	-
GH6-M1	12/17/2018	-	N/A	-
GH6-M1	1/3/2019	-	28.87	-



Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
GH8-M3	8/24/2015	-	28.37	-
GH8-M3	9/21/2015	-	28.54	-
GH8-M3	10/20/2015	-	28.69	-
GH8-M3	11/16/2015	-	28.75	-
GH8-M3	12/14/2015	-	28.78	-
GH8-M3	1/14/2016	-	28.92	-
GH8-M3	2/16/2016	-	28.96	-
GH8-M3	3/14/2016	-	28.79	-
GH8-M3	4/25/2016	-	28.78	-
GH8-M3	5/16/2016	-	28.63	-
GH8-M3	6/17/2016	-	28.67	-
GH8-M3	7/20/2016	-	28.90	-
GH8-M3	8/20/2016	-	29.08	-
GH8-M3	9/19/2016	-	29.19	-
GH8-M3	10/21/2016	-	29.36	-
GH8-M3	11/18/2016	-	29.36	-
GH8-M3	12/19/2016	-	29.44	-
GH8-M3	1/17/2017	-	29.27	-
GH8-M3	2/24/2017	-	27.80	-
GH8-M3	3/27/2017	-	26.22	-
GH8-M3	4/17/2017	-	25.44	-
GH8-M3	5/22/2017	-	25.13	-
GH8-M3	6/20/2017	-	25.38	-
GH8-M3	7/28/2017	-	25.84	-
GH8-M3	8/25/2017	-	26.13	-
GH8-M3	9/11/2017	-	26.33	-
GH8-M3	10/16/2017	-	26.63	-
GH8-M3	11/15/2017	-	26.77	-
GH8-M3	12/11/2017	-	27.13	-
GH8-M3	1/22/2018	-	27.44	-
GH8-M3	2/14/2018	-	27.55	-
GH8-M3	3/19/2018	-	27.68	-
GH8-M3	4/23/2018	-	27.14	-
GH8-M3	5/10/2018	-	27.08	-
GH8-M3	6/19/2018	-	27.13	-
GH8-M3	7/10/2018	-	27.20	-
GH8-M3	8/20/2018	-	26.72	-
GH8-M3	9/17/2018	-	27.76	-
GH8-M3	10/4/2018	-	N/A	-
GH8-M3	11/5/2018	-	28.20	-
GH8-M3	12/17/2018	-	28.17	-
GH8-M3	1/3/2019	-	28.70	-



Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
GH9-M4	8/24/2015	-	30.31	-
GH9-M4	9/21/2015	-	30.54	-
GH9-M4	10/20/2015	-	30.66	-
GH9-M4	11/16/2015	-	30.75	-
GH9-M4	12/14/2015	-	30.86	-
GH9-M4	1/14/2016	-	34.54	-
GH9-M4	2/16/2016	-	31.12	-
GH9-M4	3/14/2016	-	31.07	-
GH9-M4	4/25/2016	-	34.32	-
GH9-M4	5/16/2016	-	32.80	-
GH9-M4	6/17/2016	-	30.56	-
GH9-M4	7/20/2016	-	30.90	-
GH9-M4	8/20/2016	-	31.09	-
GH9-M4	9/19/2016	-	31.18	-
GH9-M4	10/21/2016	-	31.29	-
GH9-M4	11/18/2016	-	30.87	-
GH9-M4	12/19/2016	-	31.11	-
GH9-M4	1/17/2017	-	30.79	-
GH9-M4	2/24/2017	-	30.53	-
GH9-M4	3/27/2017	-	24.94	-
GH9-M4	4/17/2017	-	24.79	-
GH9-M4	5/22/2017	-	29.08	-
GH9-M4	6/20/2017	-	26.30	-
GH9-M4	7/28/2017	-	27.14	-
GH9-M4	8/25/2017	-	27.57	-
GH9-M4	9/11/2017	-	27.67	-
GH9-M4	10/16/2017	-	27.92	-
GH9-M4	11/15/2017	-	28.27	-
GH9-M4	12/11/2017	-	28.70	-
GH9-M4	1/22/2018	-	29.23	-
GH9-M4	2/14/2018	-	27.73	-
GH9-M4	3/19/2018	-	29.62	-
GH9-M4	4/23/2018	-	29.12	-
GH9-M4	5/10/2018	-	29.07	-
GH9-M4	6/19/2018	-	29.09	-
GH9-M4	7/10/2018	-	29.20	-
GH9-M4	8/20/2018	-	29.50	-
GH9-M4	9/17/2018	-	Buried	-
GH9-M4	10/4/2018	-	Buried	-
GH9-M4	11/5/2018	-	Buried	-
GH9-M4	12/17/2018	-	Buried	-
GH9-M4	1/3/2019	-	Buried	-

Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
M6-1	8/24/2015	-	6.61	-
M6-1	9/21/2015	-	6.43	-
M6-1	10/20/2015	-	6.72	-
M6-1	11/16/2015	-	6.68	-
M6-1	12/14/2015	-	6.35	-
M6-1	1/14/2016	-	6.63	-
M6-1	2/16/2016	-	7.03	-
M6-1	3/14/2016	-	6.45	-
M6-1	4/25/2016	-	7.15	-
M6-1	5/16/2016	-	6.85	-
M6-1	6/17/2016	-	7.04	-
M6-1	7/20/2016	-	7.34	-
M6-1	8/20/2016	-	7.61	-
M6-1	9/19/2016	-	7.87	-
M6-1	10/21/2016	-	7.83	-
M6-1	11/18/2016	-	7.19	-
M6-1	12/19/2016	-	7.26	-
M6-1	1/17/2017	-	5.81	-
M6-1	2/24/2017	-	4.96	-
M6-1	3/27/2017	-	7.17	-
M6-1	4/17/2017	-	6.77	-
M6-1	5/22/2017	-	7.74	-
M6-1	6/20/2017	-	7.14	-
M6-1	7/28/2017	-	6.97	-
M6-1	8/25/2017	-	7.14	-
M6-1	9/11/2017	-	7.18	-
M6-1	10/16/2017	-	6.71	-
M6-1	11/15/2017	-	6.57	-
M6-1	12/11/2017	-	7.20	-
M6-1	1/22/2018	-	6.79	-
M6-1	2/14/2018	-	6.93	-
M6-1	3/19/2018	-	6.36	-
M6-1	4/23/2018	-	6.70	-
M6-1	5/10/2018	-	6.20	-
M6-1	6/19/2018	-	5.03	-
M6-1	7/10/2018	-	6.43	-
M6-1	8/20/2018	-	6.53	-
M6-1	9/17/2018	-	6.60	-
M6-1	10/4/2018	-	6.75	-
M6-1	11/5/2018	-	6.60	-
M6-1	12/17/2018	-	6.64	-
M6-1	1/3/2019	-	6.71	-

Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
M6-2	8/24/2015	-	5.76	-
M6-2	9/21/2015	-	5.75	-
M6-2	10/20/2015	-	6.08	-
M6-2	11/16/2015	-	6.17	-
M6-2	12/14/2015	-	6.12	-
M6-2	1/14/2016	-	4.69	-
M6-2	2/16/2016	-	5.46	-
M6-2	3/14/2016	-	4.27	-
M6-2	4/25/2016	-	5.51	-
M6-2	5/16/2016	-	5.74	-
M6-2	6/17/2016	-	5.94	-
M6-2	7/20/2016	-	6.21	-
M6-2	8/20/2016	-	6.42	-
M6-2	9/19/2016	-	6.61	-
M6-2	10/21/2016	-	6.82	-
M6-2	11/18/2016	-	6.96	-
M6-2	12/19/2016	-	5.93	-
M6-2	1/17/2017	-	3.05	-
M6-2	2/24/2017	-	1.75	-
M6-2	3/27/2017	-	3.87	-
M6-2	4/17/2017	-	4.80	-
M6-2	5/22/2017	-	5.98	-
M6-2	6/20/2017	-	6.45	-
M6-2	7/28/2017	-	6.55	-
M6-2	8/25/2017	-	6.58	-
M6-2	9/11/2017	-	6.30	-
M6-2	10/16/2017	-	5.45	-
M6-2	11/15/2017	-	5.27	-
M6-2	12/11/2017	-	4.41	-
M6-2	1/22/2018	-	4.98	-
M6-2	2/14/2018	-	5.40	-
M6-2	3/19/2018	-	4.26	-
M6-2	4/23/2018	-	4.65	-
M6-2	5/10/2018	-	4.56	-
M6-2	6/19/2018	-	6.20	-
M6-2	7/10/2018	-	5.28	-
M6-2	8/20/2018	-	5.38	-
M6-2	9/17/2018	-	5.50	-
M6-2	10/4/2018	-	5.72	-
M6-2	11/5/2018	-	5.80	-
M6-2	12/17/2018	-	4.25	-
M6-2	1/3/2019	-	5.44	-

Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
M7-1	8/24/2015	-	8.09	-
M7-1	9/21/2015	-	8.12	-
M7-1	10/20/2015	-	8.40	-
M7-1	11/16/2015	-	8.48	-
M7-1	12/14/2015	-	8.30	-
M7-1	1/14/2016	-	8.04	-
M7-1	2/16/2016	-	8.36	-
M7-1	3/14/2016	-	7.83	-
M7-1	4/25/2016	-	8.46	-
M7-1	5/16/2016	-	8.17	-
M7-1	6/17/2016	-	8.22	-
M7-1	7/20/2016	-	8.54	-
M7-1	8/20/2016	-	8.74	-
M7-1	9/19/2016	-	8.88	-
M7-1	10/21/2016	-	9.01	-
M7-1	11/18/2016	-	8.98	-
M7-1	12/19/2016	-	8.68	-
M7-1	1/17/2017	-	6.94	-
M7-1	2/24/2017	-	5.13	-
M7-1	3/27/2017	-	6.71	-
M7-1	4/17/2017	-	7.52	-
M7-1	5/22/2017	-	8.28	-
M7-1	6/20/2017	-	8.22	-
M7-1	7/28/2017	-	8.37	-
M7-1	8/25/2017	-	8.61	-
M7-1	9/11/2017	-	8.76	-
M7-1	10/16/2017	-	8.14	-
M7-1	11/15/2017	-	7.95	-
M7-1	12/11/2017	-	8.25	-
M7-1	1/22/2018	-	7.95	-
M7-1	2/14/2018	-	7.96	-
M7-1	3/19/2018	-	7.18	-
M7-1	4/23/2018	-	7.41	-
M7-1	5/10/2018	-	7.30	-
M7-1	6/19/2018	-	7.37	-
M7-1	7/10/2018	-	7.50	-
M7-1	8/20/2018	-	7.88	-
M7-1	9/17/2018	-	8.17	-
M7-1	10/4/2018	-	8.36	-
M7-1	11/5/2018	-	8.40	-
M7-1	12/17/2018	-	7.97	-
M7-1	1/3/2019	-	8.68	

Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
M7-2	8/24/2015	-	7.78	-
M7-2	9/21/2015	-	7.91	-
M7-2	10/20/2015	-	8.15	-
M7-2	11/16/2015	-	8.27	-
M7-2	12/14/2015	-	8.28	-
M7-2	1/14/2016	-	7.34	-
M7-2	2/16/2016	-	7.74	-
M7-2	3/14/2016	-	7.03	-
M7-2	4/25/2016	-	7.84	-
M7-2	5/16/2016	-	7.70	-
M7-2	6/17/2016	-	7.77	-
M7-2	7/20/2016	-	8.05	-
M7-2	8/20/2016	-	8.26	-
M7-2	9/19/2016	-	8.42	-
M7-2	10/21/2016	-	8.64	-
M7-2	11/18/2016	-	8.88	-
M7-2	12/19/2016	-	8.21	-
M7-2	1/17/2017	-	5.91	-
M7-2	2/24/2017	-	3.56	-
M7-2	3/27/2017	-	5.29	-
M7-2	4/17/2017	-	6.88	-
M7-2	5/22/2017	-	7.73	-
M7-2	6/20/2017	-	8.07	-
M7-2	7/28/2017	-	8.28	-
M7-2	8/25/2017	-	8.58	-
M7-2	9/11/2017	-	7.45	-
M7-2	10/16/2017	-	7.64	-
M7-2	11/15/2017	-	7.58	-
M7-2	12/11/2017	-	7.68	-
M7-2	1/22/2018	-	7.43	-
M7-2	2/14/2018	-	7.47	-
M7-2	3/19/2018	-	6.40	-
M7-2	4/23/2018	-	6.75	-
M7-2	5/10/2018	-	6.64	-
M7-2	6/19/2018	-	6.98	-
M7-2	7/10/2018	-	7.06	-
M7-2	8/20/2018	-	7.57	-
M7-2	9/17/2018	-	7.88	-
M7-2	10/4/2018	-	8.05	-
M7-2	11/5/2018	-	8.00	-
M7-2	12/17/2018	-	7.32	-
M7-2	1/3/2019	-	8.17	-

Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
MBCMW-7	8/24/2015	16.64	11.26	5.38
MBCMW-7	9/21/2015	16.64	10.94	5.70
MBCMW-7	10/20/2015	16.64	11.09	5.55
MBCMW-7	11/16/2015	16.64	11.11	5.53
MBCMW-7	12/14/2015	16.64	10.27	6.37
MBCMW-7	1/14/2016	16.64	11.39	5.25
MBCMW-7	2/16/2016	16.64	11.75	4.89
MBCMW-7	3/14/2016	16.64	11.55	5.09
MBCMW-7	4/25/2016	16.64	11.44	5.20
MBCMW-7	5/16/2016	16.64	11.22	5.42
MBCMW-7	6/17/2016	16.64	11.71	4.93
MBCMW-7	7/20/2016	16.64	12.12	4.52
MBCMW-7	8/20/2016	16.64	12.27	4.37
MBCMW-7	9/19/2016	16.64	12.65	3.99
MBCMW-7	10/21/2016	16.64	12.32	4.32
MBCMW-7	11/18/2016	16.64	10.31	6.33
MBCMW-7	12/19/2016	16.64	11.65	4.99
MBCMW-7	1/17/2017	16.64	11.29	5.35
MBCMW-7	2/24/2017	16.64	10.96	5.68
MBCMW-7	3/27/2017	16.64	12.84	3.80
MBCMW-7	4/17/2017	16.64	11.89	4.75
MBCMW-7	5/22/2017	16.64	12.56	4.08
MBCMW-7	6/20/2017	16.64	11.57	5.07
MBCMW-7	7/28/2017	16.64	11.35	5.29
MBCMW-7	8/25/2017	16.64	11.61	5.03
MBCMW-7	9/11/2017	16.64	9.28	7.36
MBCMW-7	10/16/2017	16.64	11.28	5.36
MBCMW-7	11/15/2017	16.64	11.12	5.52
MBCMW-7	12/11/2017	16.64	12.03	4.61
MBCMW-7	1/22/2018	16.64	11.74	4.90
MBCMW-7	2/14/2018	16.64	11.39	5.25
MBCMW-7	3/19/2018	16.64	11.45	5.19
MBCMW-7	4/23/2018	16.64	11.51	5.13
MBCMW-7	5/10/2018	16.64	10.93	5.71
MBCMW-7	6/19/2018	16.64	10.76	5.88
MBCMW-7	7/10/2018	16.64	11.09	5.55
MBCMW-7	8/20/2018	16.64	11.11	5.53
MBCMW-7	9/17/2018	16.64	11.02	5.62
MBCMW-7	10/4/2018	16.64	10.87	5.77
MBCMW-7	11/5/2018	16.64	10.74	5.90
MBCMW-7	12/17/2018	16.64	11.57	5.07
MBCMW-7	1/3/2019	16.64	9.14	7.50

Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
MBCMW-8	8/24/2015	16.53	9.11	7.42
MBCMW-8	9/21/2015	16.53	9.13	7.40
MBCMW-8	10/20/2015	16.53	9.44	7.09
MBCMW-8	11/16/2015	16.53	9.58	6.95
MBCMW-8	12/14/2015	16.53	9.59	6.94
MBCMW-8	1/14/2016	16.53	8.05	8.48
MBCMW-8	2/16/2016	16.53	8.66	7.87
MBCMW-8	3/14/2016	16.53	7.36	9.17
MBCMW-8	4/25/2016	16.53	8.54	7.99
MBCMW-8	5/16/2016	16.53	8.89	7.64
MBCMW-8	6/17/2016	16.53	9.16	7.37
MBCMW-8	7/20/2016	16.53	9.46	7.07
MBCMW-8	8/20/2016	16.53	9.73	6.80
MBCMW-8	9/19/2016	16.53	9.99	6.54
MBCMW-8	10/21/2016	16.53	10.02	6.51
MBCMW-8	11/18/2016	16.53	10.11	6.42
MBCMW-8	12/19/2016	16.53	9.61	6.92
MBCMW-8	1/17/2017	16.53	7.03	9.50
MBCMW-8	2/24/2017	16.53	4.41	12.12
MBCMW-8	3/27/2017	16.53	6.13	10.40
MBCMW-8	4/17/2017	16.53	7.45	9.08
MBCMW-8	5/22/2017	16.53	7.89	8.64
MBCMW-8	6/20/2017	16.53	8.82	7.71
MBCMW-8	7/28/2017	16.53	9.57	6.96
MBCMW-8	8/25/2017	16.53	9.76	6.77
MBCMW-8	9/11/2017	16.53	10.03	6.50
MBCMW-8	10/16/2017	16.53	8.07	8.46
MBCMW-8	11/15/2017	16.53	7.84	8.69
MBCMW-8	12/11/2017	16.53	8.51	8.02
MBCMW-8	1/22/2018	16.53	8.25	8.28
MBCMW-8	2/14/2018	16.53	8.61	7.92
MBCMW-8	3/19/2018	16.53	7.51	9.02
MBCMW-8	4/23/2018	16.53	7.51	9.02
MBCMW-8	5/10/2018	16.53	7.89	8.64
MBCMW-8	6/19/2018	16.53	8.40	8.13
MBCMW-8	7/10/2018	16.53	8.69	7.84
MBCMW-8	8/20/2018	16.53	8.93	7.60
MBCMW-8	9/17/2018	16.53	9.00	7.53
MBCMW-8	10/4/2018	16.53	9.29	7.24
MBCMW-8	11/5/2018	16.53	9.29	7.24
MBCMW-8	12/17/2018	16.53	8.10	8.43
MBCMW-8	1/3/2019	16.53	8.75	7.78



Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
MBCMW-9	8/24/2015	17.71	8.70	9.01
MBCMW-9	9/21/2015	17.71	8.83	8.88
MBCMW-9	10/20/2015	17.71	9.00	8.71
MBCMW-9	11/16/2015	17.71	9.09	8.62
MBCMW-9	12/14/2015	17.71	9.09	8.62
MBCMW-9	1/14/2016	17.71	8.30	9.41
MBCMW-9	2/16/2016	17.71	8.06	9.65
MBCMW-9	3/14/2016	17.71	7.83	9.88
MBCMW-9	4/25/2016	17.71	8.21	9.50
MBCMW-9	5/16/2016	17.71	8.40	9.31
MBCMW-9	6/17/2016	17.71	8.64	9.07
MBCMW-9	7/20/2016	17.71	8.78	8.93
MBCMW-9	8/20/2016	17.71	8.80	8.91
MBCMW-9	9/19/2016	17.71	8.80	8.91
MBCMW-9	10/21/2016	17.71	9.29	8.42
MBCMW-9	11/18/2016	17.71	9.15	8.56
MBCMW-9	12/19/2016	17.71	8.75	8.96
MBCMW-9	1/17/2017	17.71	8.06	9.65
MBCMW-9	2/24/2017	17.71	5.11	12.60
MBCMW-9	3/27/2017	17.71	5.44	12.27
MBCMW-9	4/17/2017	17.71	5.99	11.72
MBCMW-9	5/22/2017	17.71	6.28	11.43
MBCMW-9	6/20/2017	17.71	6.76	10.95
MBCMW-9	7/28/2017	17.71	7.98	9.73
MBCMW-9	8/25/2017	17.71	8.31	9.40
MBCMW-9	9/11/2017	17.71	8.67	9.04
MBCMW-9	10/16/2017	17.71	7.83	9.88
MBCMW-9	11/15/2017	17.71	7.50	10.21
MBCMW-9	12/11/2017	17.71	7.73	9.98
MBCMW-9	1/22/2018	17.71	7.39	10.32
MBCMW-9	2/14/2018	17.71	9.03	8.68
MBCMW-9	3/19/2018	17.71	7.08	10.63
MBCMW-9	4/23/2018	17.71	9.20	8.51
MBCMW-9	5/10/2018	17.71	6.79	10.92
MBCMW-9	6/19/2018	17.71	7.70	10.01
MBCMW-9	7/10/2018	17.71	8.06	9.65
MBCMW-9	8/20/2018	17.71	8.40	9.31
MBCMW-9	9/17/2018	17.71	8.40	9.31
MBCMW-9	10/4/2018	17.71	8.52	9.19
MBCMW-9	11/5/2018	17.71	8.50	9.21
MBCMW-9	12/17/2018	17.71	9.30	8.41
MBCMW-9	1/3/2019	17.71	7.82	9.89



Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
MBCMW-10	8/24/2015	17.74	8.63	9.11
MBCMW-10	9/21/2015	17.74	8.20	9.54
MBCMW-10	10/20/2015	17.74	8.40	9.34
MBCMW-10	11/16/2015	17.74	8.35	9.39
MBCMW-10	12/14/2015	17.74	7.34	10.40
MBCMW-10	1/14/2016	17.74	8.82	8.92
MBCMW-10	2/16/2016	17.74	9.34	8.40
MBCMW-10	3/14/2016	17.74	8.97	8.77
MBCMW-10	4/25/2016	17.74	9.22	8.52
MBCMW-10	5/16/2016	17.74	8.75	8.99
MBCMW-10	6/17/2016	17.74	8.58	9.16
MBCMW-10	7/20/2016	17.74	9.29	8.45
MBCMW-10	8/20/2016	17.74	9.52	8.22
MBCMW-10	9/19/2016	17.74	9.85	7.89
MBCMW-10	10/21/2016	17.74	9.67	8.07
MBCMW-10	11/18/2016	17.74	8.31	9.43
MBCMW-10	12/19/2016	17.74	8.97	8.77
MBCMW-10	1/17/2017	17.74	8.67	9.07
MBCMW-10	2/24/2017	17.74	8.55	9.19
MBCMW-10	3/27/2017	17.74	10.12	7.62
MBCMW-10	4/17/2017	17.74	9.43	8.31
MBCMW-10	5/22/2017	17.74	10.07	7.67
MBCMW-10	6/20/2017	17.74	8.87	8.87
MBCMW-10	7/28/2017	17.74	8.84	8.90
MBCMW-10	8/25/2017	17.74	8.92	8.82
MBCMW-10	9/11/2017	17.74	8.41	9.33
MBCMW-10	10/16/2017	17.74	8.38	9.36
MBCMW-10	11/15/2017	17.74	8.36	9.38
MBCMW-10	12/11/2017	17.74	9.70	8.04
MBCMW-10	1/22/2018	17.74	9.10	8.64
MBCMW-10	2/14/2018	17.74	7.70	10.04
MBCMW-10	3/19/2018	17.74	8.61	9.13
MBCMW-10	4/23/2018	17.74	6.79	10.95
MBCMW-10	5/10/2018	17.74	8.29	9.45
MBCMW-10	6/19/2018	17.74	8.34	9.40
MBCMW-10	7/10/2018	17.74	8.29	9.45
MBCMW-10	8/20/2018	17.74	8.45	9.29
MBCMW-10	9/17/2018	17.74	8.30	9.44
MBCMW-10	10/4/2018	17.74	8.38	9.36
MBCMW-10	11/5/2018	17.74	8.25	9.49
MBCMW-10	12/17/2018	17.74	7.60	10.14
MBCMW-10	1/3/2019	17.74	9.24	8.50

Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
MCWP-MW04S	8/24/2015	15.29	7.55	7.74
MCWP-MW04S	9/21/2015	15.29	7.67	7.62
MCWP-MW04S	10/20/2015	15.29	7.85	7.44
MCWP-MW04S	11/16/2015	15.29	7.99	7.30
MCWP-MW04S	12/14/2015	15.29	8.06	7.23
MCWP-MW04S	1/14/2016	15.29	6.48	8.81
MCWP-MW04S	2/16/2016	15.29	7.08	8.21
MCWP-MW04S	3/14/2016	15.29	5.92	9.37
MCWP-MW04S	4/25/2016	15.29	7.10	8.19
MCWP-MW04S	5/16/2016	15.29	7.36	7.93
MCWP-MW04S	6/17/2016	15.29	7.64	7.65
MCWP-MW04S	7/20/2016	15.29	7.95	7.34
MCWP-MW04S	8/20/2016	15.29	8.18	7.11
MCWP-MW04S	9/19/2016	15.29	8.35	6.94
MCWP-MW04S	10/21/2016	15.29	8.88	6.41
MCWP-MW04S	11/18/2016	15.29	8.40	6.89
MCWP-MW04S	12/19/2016	15.29	8.67	6.62
MCWP-MW04S	1/17/2017	15.29	6.62	8.67
MCWP-MW04S	2/24/2017	15.29	3.34	11.95
MCWP-MW04S	3/27/2017	15.29	5.20	10.09
MCWP-MW04S	4/17/2017	15.29	6.19	9.10
MCWP-MW04S	5/22/2017	15.29	6.73	8.56
MCWP-MW04S	6/20/2017	15.29	7.41	7.88
MCWP-MW04S	7/28/2017	15.29	7.91	7.38
MCWP-MW04S	8/25/2017	15.29	8.08	7.21
MCWP-MW04S	9/11/2017	15.29	7.87	7.42
MCWP-MW04S	10/16/2017	15.29	6.74	8.55
MCWP-MW04S	11/15/2017	15.29	6.71	8.58
MCWP-MW04S	12/11/2017	15.29	7.15	8.14
MCWP-MW04S	1/22/2018	15.29	6.86	8.43
MCWP-MW04S	2/14/2018	15.29	7.32	7.97
MCWP-MW04S	3/19/2018	15.29	6.05	9.24
MCWP-MW04S	4/23/2018	15.29	6.05	9.24
MCWP-MW04S	5/10/2018	15.29	6.20	9.09
MCWP-MW04S	6/19/2018	15.29	6.95	8.34
MCWP-MW04S	7/10/2018	15.29	7.19	8.10
MCWP-MW04S	8/20/2018	15.29	7.28	8.01
MCWP-MW04S	9/17/2018	15.29	7.33	7.96
MCWP-MW04S	10/4/2018	15.29	7.65	7.64
MCWP-MW04S	11/5/2018	15.29	7.72	7.57
MCWP-MW04S	12/17/2018	15.29	6.55	8.74
MCWP-MW04S	1/3/2019	15.29	7.14	8.15



Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
MCWP-MW07S	8/24/2015	13.72	6.76	6.96
MCWP-MW07S	9/21/2015	13.72	7.13	6.59
MCWP-MW07S	10/20/2015	13.72	6.44	7.28
MCWP-MW07S	11/16/2015	13.72	6.74	6.98
MCWP-MW07S	12/14/2015	13.72	6.56	7.16
MCWP-MW07S	1/14/2016	13.72	6.19	7.53
MCWP-MW07S	2/16/2016	13.72	6.75	6.97
MCWP-MW07S	3/14/2016	13.72	5.85	7.87
MCWP-MW07S	4/25/2016	13.72	6.49	7.23
MCWP-MW07S	5/16/2016	13.72	6.73	6.99
MCWP-MW07S	6/17/2016	13.72	N/A	-
MCWP-MW07S	7/20/2016	13.72	6.18	7.54
MCWP-MW07S	8/20/2016	13.72	6.25	7.47
MCWP-MW07S	9/19/2016	13.72	6.48	7.24
MCWP-MW07S	10/21/2016	13.72	6.61	7.11
MCWP-MW07S	11/18/2016	13.72	6.70	7.02
MCWP-MW07S	12/19/2016	13.72	6.67	7.05
MCWP-MW07S	1/17/2017	13.72	6.11	7.61
MCWP-MW07S	2/24/2017	13.72	N/A	-
MCWP-MW07S	3/27/2017	13.72	N/A	-
MCWP-MW07S	4/17/2017	13.72	N/A	-
MCWP-MW07S	5/22/2017	13.72	N/A	-
MCWP-MW07S	6/20/2017	13.72	N/A	-
MCWP-MW07S	7/28/2017	13.72	5.79	7.93
MCWP-MW07S	8/25/2017	13.72	6.09	7.63
MCWP-MW07S	9/11/2017	13.72	6.02	7.70
MCWP-MW07S	10/16/2017	13.72	6.04	7.68
MCWP-MW07S	11/15/2017	13.72	6.50	7.22
MCWP-MW07S	12/11/2017	13.72	5.73	7.99
MCWP-MW07S	1/22/2018	13.72	5.92	7.80
MCWP-MW07S	2/14/2018	13.72	6.23	7.49
MCWP-MW07S	3/19/2018	13.72	6.05	7.67
MCWP-MW07S	4/23/2018	13.72	6.15	7.57
MCWP-MW07S	5/10/2018	13.72	6.23	7.49
MCWP-MW07S	6/19/2018	13.72	5.78	7.94
MCWP-MW07S	7/10/2018	13.72	6.09	7.63
MCWP-MW07S	8/20/2018	13.72	5.72	8.00
MCWP-MW07S	9/17/2018	13.72	5.76	7.96
MCWP-MW07S	10/4/2018	13.72	5.98	7.74
MCWP-MW07S	11/5/2018	13.72	5.76	7.96
MCWP-MW07S	12/17/2018	13.72	5.65	8.07
MCWP-MW07S	1/3/2019	13.72	5.70	8.02



Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
MCWP-MW08	8/24/2015	12.21	7.64	4.57
MCWP-MW08	9/21/2015	12.21	7.42	4.79
MCWP-MW08	10/20/2015	12.21	7.61	4.60
MCWP-MW08	11/16/2015	12.21	7.40	4.81
MCWP-MW08	12/14/2015	12.21	6.62	5.59
MCWP-MW08	1/14/2016	12.21	8.46	3.75
MCWP-MW08	2/16/2016	12.21	8.27	3.94
MCWP-MW08	3/14/2016	12.21	7.96	4.25
MCWP-MW08	4/25/2016	12.21	7.83	4.38
MCWP-MW08	5/16/2016	12.21	6.87	5.34
MCWP-MW08	6/17/2016	12.21	6.97	5.24
MCWP-MW08	7/20/2016	12.21	7.76	4.45
MCWP-MW08	8/20/2016	12.21	7.77	4.44
MCWP-MW08	9/19/2016	12.21	7.74	4.47
MCWP-MW08	10/21/2016	12.21	8.00	4.21
MCWP-MW08	11/18/2016	12.21	7.27	4.94
MCWP-MW08	12/19/2016	12.21	8.57	3.64
MCWP-MW08	1/17/2017	12.21	8.00	4.21
MCWP-MW08	2/24/2017	12.21	8.77	3.44
MCWP-MW08	3/27/2017	12.21	8.81	3.40
MCWP-MW08	4/17/2017	12.21	8.74	3.47
MCWP-MW08	5/22/2017	12.21	9.04	3.17
MCWP-MW08	6/20/2017	12.21	7.47	4.74
MCWP-MW08	7/28/2017	12.21	7.21	5.00
MCWP-MW08	8/25/2017	12.21	7.40	4.81
MCWP-MW08	9/11/2017	12.21	7.68	4.53
MCWP-MW08	10/16/2017	12.21	7.72	4.49
MCWP-MW08	11/15/2017	12.21	7.78	4.43
MCWP-MW08	12/11/2017	12.21	9.02	3.19
MCWP-MW08	1/22/2018	12.21	8.73	3.48
MCWP-MW08	2/14/2018	12.21	7.85	4.36
MCWP-MW08	3/19/2018	12.21	8.34	3.87
MCWP-MW08	4/23/2018	12.21	8.47	3.74
MCWP-MW08	5/10/2018	12.21	7.61	4.60
MCWP-MW08	6/19/2018	12.21	7.03	5.18
MCWP-MW08	7/10/2018	12.21	7.22	4.99
MCWP-MW08	8/20/2018	12.21	7.43	4.78
MCWP-MW08	9/17/2018	12.21	7.57	4.64
MCWP-MW08	10/4/2018	12.21	7.80	4.41
MCWP-MW08	11/5/2018	12.21	7.79	4.42
MCWP-MW08	12/17/2018	12.21	8.18	4.03
MCWP-MW08	1/3/2019	12.21	8.76	3.45



Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
MCWP-MW10	8/24/2015	11.11	5.70	5.41
MCWP-MW10	9/21/2015	11.11	5.55	5.56
MCWP-MW10	10/20/2015	11.11	5.81	5.30
MCWP-MW10	11/16/2015	11.11	5.74	5.37
MCWP-MW10	12/14/2015	11.11	4.59	6.52
MCWP-MW10	1/14/2016	11.11	8.09	3.02
MCWP-MW10	2/16/2016	11.11	7.98	3.13
MCWP-MW10	3/14/2016	11.11	8.04	3.07
MCWP-MW10	4/25/2016	11.11	7.07	4.04
MCWP-MW10	5/16/2016	11.11	5.63	5.48
MCWP-MW10	6/17/2016	11.11	5.73	5.38
MCWP-MW10	7/20/2016	11.11	6.02	5.09
MCWP-MW10	8/20/2016	11.11	6.34	4.77
MCWP-MW10	9/19/2016	11.11	6.70	4.41
MCWP-MW10	10/21/2016	11.11	6.61	4.50
MCWP-MW10	11/18/2016	11.11	5.57	5.54
MCWP-MW10	12/19/2016	11.11	N/A	-
MCWP-MW10	1/17/2017	11.11	8.11	3.00
MCWP-MW10	2/24/2017	11.11	8.45	2.66
MCWP-MW10	3/27/2017	11.11	8.70	2.41
MCWP-MW10	4/17/2017	11.11	8.58	2.53
MCWP-MW10	5/22/2017	11.11	8.26	2.85
MCWP-MW10	6/20/2017	11.11	5.70	5.41
MCWP-MW10	7/28/2017	11.11	5.43	5.68
MCWP-MW10	8/25/2017	11.11	5.64	5.47
MCWP-MW10	9/11/2017	11.11	6.10	5.01
MCWP-MW10	10/16/2017	11.11	5.88	5.23
MCWP-MW10	11/15/2017	11.11	5.83	5.28
MCWP-MW10	12/11/2017	11.11	8.23	2.88
MCWP-MW10	1/22/2018	11.11	7.99	3.12
MCWP-MW10	2/14/2018	11.11	7.73	3.38
MCWP-MW10	3/19/2018	11.11	8.12	2.99
MCWP-MW10	4/23/2018	11.11	7.25	3.86
MCWP-MW10	5/10/2018	11.11	5.86	5.25
MCWP-MW10	6/19/2018	11.11	4.91	6.20
MCWP-MW10	7/10/2018	11.11	5.33	5.78
MCWP-MW10	8/20/2018	11.11	5.56	5.55
MCWP-MW10	9/17/2018	11.11	5.51	5.60
MCWP-MW10	10/4/2018	11.11	5.63	5.48
MCWP-MW10	11/5/2018	11.11	5.64	5.47
MCWP-MW10	12/17/2018	11.11	8.55	2.56
MCWP-MW10	1/3/2019	11.11	8.30	2.81



Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
P-4	8/24/2015	12.16	4.58	7.58
P-4	9/21/2015	12.16	4.47	7.69
P-4	10/20/2015	12.16	4.71	7.45
P-4	11/16/2015	12.16	4.65	7.51
P-4	12/14/2015	12.16	3.52	8.64
P-4	1/14/2016	12.16	6.93	5.23
P-4	2/16/2016	12.16	6.88	5.28
P-4	3/14/2016	12.16	6.92	5.24
P-4	4/25/2016	12.16	6.00	6.16
P-4	5/16/2016	12.16	4.57	7.59
P-4	6/17/2016	12.16	4.68	7.48
P-4	7/20/2016	12.16	4.95	7.21
P-4	8/20/2016	12.16	5.27	6.89
P-4	9/19/2016	12.16	5.63	6.53
P-4	10/21/2016	12.16	5.55	6.61
P-4	11/18/2016	12.16	4.51	7.65
P-4	12/19/2016	12.16	7.17	4.99
P-4	1/17/2017	12.16	6.98	5.18
P-4	2/24/2017	12.16	7.12	5.04
P-4	3/27/2017	12.16	7.71	4.45
P-4	4/17/2017	12.16	7.48	4.68
P-4	5/22/2017	12.16	7.22	4.94
P-4	6/20/2017	12.16	4.72	7.44
P-4	7/28/2017	12.16	4.35	7.81
P-4	8/25/2017	12.16	4.61	7.55
P-4	9/11/2017	12.16	4.94	7.22
P-4	10/16/2017	12.16	4.75	7.41
P-4	11/15/2017	12.16	4.74	7.42
P-4	12/11/2017	12.16	7.53	4.63
P-4	1/22/2018	12.16	6.84	5.32
P-4	2/14/2018	12.16	7.22	4.94
P-4	3/19/2018	12.16	6.95	5.21
P-4	4/23/2018	12.16	6.15	6.01
P-4	5/10/2018	12.16	4.75	7.41
P-4	6/19/2018	12.16	3.85	8.31
P-4	7/10/2018	12.16	4.27	7.89
P-4	8/20/2018	12.16	4.35	7.81
P-4	9/17/2018	12.16	4.80	7.36
P-4	10/4/2018	12.16	4.75	7.41
P-4	11/5/2018	12.16	5.00	7.16
P-4	12/17/2018	12.16	7.47	4.69
P-4	1/3/2019	12.16	7.08	5.08

Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
P-9	8/24/2015	12.17	5.07	7.10
P-9	9/21/2015	12.17	4.90	7.27
P-9	10/20/2015	12.17	5.18	6.99
P-9	11/16/2015	12.17	5.08	7.09
P-9	12/14/2015	12.17	3.92	8.25
P-9	1/14/2016	12.17	7.49	4.68
P-9	2/16/2016	12.17	7.53	4.64
P-9	3/14/2016	12.17	7.66	4.51
P-9	4/25/2016	12.17	6.49	5.68
P-9	5/16/2016	12.17	5.02	7.15
P-9	6/17/2016	12.17	5.09	7.08
P-9	7/20/2016	12.17	5.34	6.83
P-9	8/20/2016	12.17	5.70	6.47
P-9	9/19/2016	12.17	6.06	6.11
P-9	10/21/2016	12.17	6.01	6.16
P-9	11/18/2016	12.17	4.91	7.26
P-9	12/19/2016	12.17	7.81	4.36
P-9	1/17/2017	12.17	7.68	4.49
P-9	2/24/2017	12.17	7.82	4.35
P-9	3/27/2017	12.17	8.00	4.17
P-9	4/17/2017	12.17	8.16	4.01
P-9	5/22/2017	12.17	7.59	4.58
P-9	6/20/2017	12.17	5.03	7.14
P-9	7/28/2017	12.17	4.77	7.40
P-9	8/25/2017	12.17	4.95	7.22
P-9	9/11/2017	12.17	5.37	6.80
P-9	10/16/2017	12.17	5.24	6.93
P-9	11/15/2017	12.17	5.20	6.97
P-9	12/11/2017	12.17	8.26	3.91
P-9	1/22/2018	12.17	7.44	4.73
P-9	2/14/2018	12.17	7.15	5.02
P-9	3/19/2018	12.17	7.53	4.64
P-9	4/23/2018	12.17	6.60	5.57
P-9	5/10/2018	12.17	5.15	7.02
P-9	6/19/2018	12.17	4.23	7.94
P-9	7/10/2018	12.17	4.73	7.44
P-9	8/20/2018	12.17	4.74	7.43
P-9	9/17/2018	12.17	4.80	7.37
P-9	10/4/2018	12.17	4.98	7.19
P-9	11/5/2018	12.17	5.00	7.17
P-9	12/17/2018	12.17	8.23	3.94
P-9	1/3/2019	12.17	7.51	4.66

Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
SMBRP-2	8/24/2015	13.13	6.04	7.09
SMBRP-2	9/21/2015	13.13	5.91	7.22
SMBRP-2	10/20/2015	13.13	6.16	6.97
SMBRP-2	11/16/2015	13.13	6.09	7.04
SMBRP-2	12/14/2015	13.13	4.84	8.29
SMBRP-2	1/14/2016	13.13	8.80	4.33
SMBRP-2	2/16/2016	13.13	8.54	4.59
SMBRP-2	3/14/2016	13.13	8.58	4.55
SMBRP-2	4/25/2016	13.13	7.59	5.54
SMBRP-2	5/16/2016	13.13	6.07	7.06
SMBRP-2	6/17/2016	13.13	6.14	6.99
SMBRP-2	7/20/2016	13.13	6.36	6.77
SMBRP-2	8/20/2016	13.13	6.73	6.40
SMBRP-2	9/19/2016	13.13	7.11	6.02
SMBRP-2	10/21/2016	13.13	6.98	6.15
SMBRP-2	11/18/2016	13.13	5.94	7.19
SMBRP-2	12/19/2016	13.13	8.87	4.26
SMBRP-2	1/17/2017	13.13	8.64	4.49
SMBRP-2	2/24/2017	13.13	8.94	4.19
SMBRP-2	3/27/2017	13.13	9.25	3.88
SMBRP-2	4/17/2017	13.13	9.15	3.98
SMBRP-2	5/22/2017	13.13	8.68	4.45
SMBRP-2	6/20/2017	13.13	5.78	7.35
SMBRP-2	7/28/2017	13.13	5.58	7.55
SMBRP-2	8/25/2017	13.13	5.74	7.39
SMBRP-2	9/11/2017	13.13	6.17	6.96
SMBRP-2	10/16/2017	13.13	6.22	6.91
SMBRP-2	11/15/2017	13.13	6.13	7.00
SMBRP-2	12/11/2017	13.13	9.22	3.91
SMBRP-2	1/22/2018	13.13	8.53	4.60
SMBRP-2	2/14/2018	13.13	8.60	4.53
SMBRP-2	3/19/2018	13.13	8.70	4.43
SMBRP-2	4/23/2018	13.13	7.78	5.35
SMBRP-2	5/10/2018	13.13	6.18	6.95
SMBRP-2	6/19/2018	13.13	5.21	7.92
SMBRP-2	7/10/2018	13.13	5.64	7.49
SMBRP-2	8/20/2018	13.13	5.70	7.43
SMBRP-2	9/17/2018	13.13	5.75	7.38
SMBRP-2	10/4/2018	13.13	5.72	7.41
SMBRP-2	11/5/2018	13.13	5.90	7.23
SMBRP-2	12/17/2018	13.13	9.08	4.05
SMBRP-2	1/3/2019	13.13	9.07	4.06



Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
SMBRP-6	8/24/2015	26.88	16.49	10.39
SMBRP-6	9/21/2015	26.88	15.95	10.93
SMBRP-6	10/20/2015	26.88	16.66	10.22
SMBRP-6	11/16/2015	26.88	16.47	10.41
SMBRP-6	12/14/2015	26.88	14.78	12.10
SMBRP-6	1/14/2016	26.88	14.68	12.20
SMBRP-6	2/16/2016	26.88	15.22	11.66
SMBRP-6	3/14/2016	26.88	14.43	12.45
SMBRP-6	4/25/2016	26.88	16.60	10.28
SMBRP-6	5/16/2016	26.88	16.81	10.07
SMBRP-6	6/17/2016	26.88	17.87	9.01
SMBRP-6	7/20/2016	26.88	18.52	8.36
SMBRP-6	8/20/2016	26.88	19.01	7.87
SMBRP-6	9/19/2016	26.88	19.61	7.27
SMBRP-6	10/21/2016	26.88	18.13	8.75
SMBRP-6	11/18/2016	26.88	16.12	10.76
SMBRP-6	12/19/2016	26.88	14.46	12.42
SMBRP-6	1/17/2017	26.88	14.14	12.74
SMBRP-6	2/24/2017	26.88	13.14	13.74
SMBRP-6	3/27/2017	26.88	15.01	11.87
SMBRP-6	4/17/2017	26.88	14.79	12.09
SMBRP-6	5/22/2017	26.88	15.44	11.44
SMBRP-6	6/20/2017	26.88	15.87	11.01
SMBRP-6	7/28/2017	26.88	16.32	10.56
SMBRP-6	8/25/2017	26.88	16.39	10.49
SMBRP-6	9/11/2017	26.88	16.48	10.40
SMBRP-6	10/16/2017	26.88	16.27	10.61
SMBRP-6	11/15/2017	26.88	16.40	10.48
SMBRP-6	12/11/2017	26.88	16.40	10.48
SMBRP-6	1/22/2018	26.88	14.78	12.10
SMBRP-6	2/14/2018	26.88	14.89	11.99
SMBRP-6	3/19/2018	26.88	14.32	12.56
SMBRP-6	4/23/2018	26.88	15.10	11.78
SMBRP-6	5/10/2018	26.88	15.21	11.67
SMBRP-6	6/19/2018	26.88	16.15	10.73
SMBRP-6	7/10/2018	26.88	16.45	10.43
SMBRP-6	8/20/2018	26.88	16.60	10.28
SMBRP-6	9/17/2018	26.88	inaccesible	-
SMBRP-6	10/4/2018	26.88	16.17	10.71
SMBRP-6	11/5/2018	26.88	15.80	11.08
SMBRP-6	12/17/2018	26.88	15.22	11.66
SMBRP-6	1/3/2019	26.88	15.76	11.12



Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
SMBRP-7B	8/24/2015	18.99	10.69	8.30
SMBRP-7B	9/21/2015	18.99	10.62	8.37
SMBRP-7B	10/20/2015	18.99	10.77	8.22
SMBRP-7B	11/16/2015	18.99	10.78	8.21
SMBRP-7B	12/14/2015	18.99	10.60	8.39
SMBRP-7B	1/14/2016	18.99	10.83	8.16
SMBRP-7B	2/16/2016	18.99	11.08	7.91
SMBRP-7B	3/14/2016	18.99	10.84	8.15
SMBRP-7B	4/25/2016	18.99	11.23	7.76
SMBRP-7B	5/16/2016	18.99	11.04	7.95
SMBRP-7B	6/17/2016	18.99	11.08	7.91
SMBRP-7B	7/20/2016	18.99	11.31	7.68
SMBRP-7B	8/20/2016	18.99	11.54	7.45
SMBRP-7B	9/19/2016	18.99	11.68	7.31
SMBRP-7B	10/21/2016	18.99	11.81	7.18
SMBRP-7B	11/18/2016	18.99	11.49	7.50
SMBRP-7B	12/19/2016	18.99	11.33	7.66
SMBRP-7B	1/17/2017	18.99	10.18	8.81
SMBRP-7B	2/24/2017	18.99	8.13	10.86
SMBRP-7B	3/27/2017	18.99	9.68	9.31
SMBRP-7B	4/17/2017	18.99	9.90	9.09
SMBRP-7B	5/22/2017	18.99	10.51	8.48
SMBRP-7B	6/20/2017	18.99	10.71	8.28
SMBRP-7B	7/28/2017	18.99	10.99	8.00
SMBRP-7B	8/25/2017	18.99	11.66	7.33
SMBRP-7B	9/11/2017	18.99	11.86	7.13
SMBRP-7B	10/16/2017	18.99	11.12	7.87
SMBRP-7B	11/15/2017	18.99	10.77	8.22
SMBRP-7B	12/11/2017	18.99	11.11	7.88
SMBRP-7B	1/22/2018	18.99	11.18	7.81
SMBRP-7B	2/14/2018	18.99	11.19	7.80
SMBRP-7B	3/19/2018	18.99	10.75	8.24
SMBRP-7B	4/23/2018	18.99	10.81	8.18
SMBRP-7B	5/10/2018	18.99	10.53	8.46
SMBRP-7B	6/19/2018	18.99	10.36	8.63
SMBRP-7B	7/10/2018	18.99	10.61	8.38
SMBRP-7B	8/20/2018	18.99	10.75	8.24
SMBRP-7B	9/17/2018	18.99	10.76	8.23
SMBRP-7B	10/4/2018	18.99	10.78	8.21
SMBRP-7B	11/5/2018	18.99	10.70	8.29
SMBRP-7B	12/17/2018	18.99	10.55	8.44
SMBRP-7B	1/3/2019	18.99	10.72	8.27



Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
SMBRP-8 (ECI-RC-MW01)	8/24/2015	48.69	28.74	19.95
SMBRP-8 (ECI-RC-MW01)	9/21/2015	48.69	29.02	19.67
SMBRP-8 (ECI-RC-MW01)	10/20/2015	48.69	28.76	19.93
SMBRP-8 (ECI-RC-MW01)	11/16/2015	48.69	29.38	19.31
SMBRP-8 (ECI-RC-MW01)	12/14/2015	48.69	29.32	19.37
SMBRP-8 (ECI-RC-MW01)	1/14/2016	48.69	28.93	19.76
SMBRP-8 (ECI-RC-MW01)	2/16/2016	48.69	29.18	19.51
SMBRP-8 (ECI-RC-MW01)	3/14/2016	48.69	28.76	19.93
SMBRP-8 (ECI-RC-MW01)	4/25/2016	48.69	29.40	19.29
SMBRP-8 (ECI-RC-MW01)	5/16/2016	48.69	29.18	19.51
SMBRP-8 (ECI-RC-MW01)	6/17/2016	48.69	29.38	19.31
SMBRP-8 (ECI-RC-MW01)	7/20/2016	48.69	29.73	18.96
SMBRP-8 (ECI-RC-MW01)	8/20/2016	48.69	30.02	18.67
SMBRP-8 (ECI-RC-MW01)	9/19/2016	48.69	30.64	18.05
SMBRP-8 (ECI-RC-MW01)	10/21/2016	48.69	31.02	17.67
SMBRP-8 (ECI-RC-MW01)	11/18/2016	48.69	31.16	17.53
SMBRP-8 (ECI-RC-MW01)	12/19/2016	48.69	30.83	17.86
SMBRP-8 (ECI-RC-MW01)	1/17/2017	48.69	29.49	19.20
SMBRP-8 (ECI-RC-MW01)	2/24/2017	48.69	26.78	21.91
SMBRP-8 (ECI-RC-MW01)	3/27/2017	48.69	25.21	23.48
SMBRP-8 (ECI-RC-MW01)	4/17/2017	48.69	24.34	24.35
SMBRP-8 (ECI-RC-MW01)	5/22/2017	48.69	23.31	25.38
SMBRP-8 (ECI-RC-MW01)	6/20/2017	48.69	23.54	25.15
SMBRP-8 (ECI-RC-MW01)	7/28/2017	48.69	24.25	24.44
SMBRP-8 (ECI-RC-MW01)	8/25/2017	48.69	24.98	23.71
SMBRP-8 (ECI-RC-MW01)	9/11/2017	48.69	25.30	23.39
SMBRP-8 (ECI-RC-MW01)	10/16/2017	48.69	26.10	22.59
SMBRP-8 (ECI-RC-MW01)	11/15/2017	48.69	26.56	22.13
SMBRP-8 (ECI-RC-MW01)	12/11/2017	48.69	27.02	21.67
SMBRP-8 (ECI-RC-MW01)	1/22/2018	48.69	27.44	21.25
SMBRP-8 (ECI-RC-MW01)	2/14/2018	48.69	27.52	21.17
SMBRP-8 (ECI-RC-MW01)	3/19/2018	48.69	27.34	21.35
SMBRP-8 (ECI-RC-MW01)	4/23/2018	48.69	26.68	22.01
SMBRP-8 (ECI-RC-MW01)	5/10/2018	48.69	27.02	21.67
SMBRP-8 (ECI-RC-MW01)	6/19/2018	48.69	27.58	21.11
SMBRP-8 (ECI-RC-MW01)	7/10/2018	48.69	27.96	20.73
SMBRP-8 (ECI-RC-MW01)	8/20/2018	48.69	28.60	20.09
SMBRP-8 (ECI-RC-MW01)	9/17/2018	48.69	28.00	20.69
SMBRP-8 (ECI-RC-MW01)	10/4/2018	48.69	29.39	19.30
SMBRP-8 (ECI-RC-MW01)	11/5/2018	48.69	29.60	19.09
SMBRP-8 (ECI-RC-MW01)	12/17/2018	48.69	29.10	19.59
SMBRP-8 (ECI-RC-MW01)	1/3/2019	48.69	29.10	19.59



Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
SMBRP-9	8/24/2015	50.32	38.24	12.08
SMBRP-9	9/21/2015	50.32	38.46	11.86
SMBRP-9	10/20/2015	50.32	38.62	11.70
SMBRP-9	11/16/2015	50.32	N/A	-
SMBRP-9	12/14/2015	50.32	38.86	11.46
SMBRP-9	1/14/2016	50.32	38.95	11.37
SMBRP-9	2/16/2016	50.32	39.03	11.29
SMBRP-9	3/14/2016	50.32	38.97	11.35
SMBRP-9	4/25/2016	50.32	38.82	11.50
SMBRP-9	5/16/2016	50.32	38.82	11.50
SMBRP-9	6/17/2016	50.32	38.86	11.46
SMBRP-9	7/20/2016	50.32	39.06	11.26
SMBRP-9	8/20/2016	50.32	39.17	11.15
SMBRP-9	9/19/2016	50.32	39.33	10.99
SMBRP-9	10/21/2016	50.32	39.55	10.77
SMBRP-9	11/18/2016	50.32	39.67	10.65
SMBRP-9	12/19/2016	50.32	39.79	10.53
SMBRP-9	1/17/2017	50.32	39.82	10.50
SMBRP-9	2/24/2017	50.32	38.75	11.57
SMBRP-9	3/27/2017	50.32	37.59	12.73
SMBRP-9	4/17/2017	50.32	36.88	13.44
SMBRP-9	5/22/2017	50.32	35.82	14.50
SMBRP-9	6/20/2017	50.32	35.41	14.91
SMBRP-9	7/28/2017	50.32	35.13	15.19
SMBRP-9	8/25/2017	50.32	35.18	15.14
SMBRP-9	9/11/2017	50.32	35.48	14.84
SMBRP-9	10/16/2017	50.32	35.86	14.46
SMBRP-9	11/15/2017	50.32	36.24	14.08
SMBRP-9	12/11/2017	50.32	36.48	13.84
SMBRP-9	1/22/2018	50.32	36.94	13.38
SMBRP-9	2/14/2018	50.32	37.01	13.31
SMBRP-9	3/19/2018	50.32	36.88	13.44
SMBRP-9	4/23/2018	50.32	36.37	13.95
SMBRP-9	5/10/2018	50.32	36.65	13.67
SMBRP-9	6/19/2018	50.32	36.60	13.72
SMBRP-9	7/10/2018	50.32	36.84	13.48
SMBRP-9	8/20/2018	50.32	37.20	13.12
SMBRP-9	9/17/2018	50.32	37.30	13.02
SMBRP-9	10/4/2018	50.32	37.57	12.75
SMBRP-9	11/5/2018	50.32	37.89	12.43
SMBRP-9	12/17/2018	50.32	37.20	13.12
SMBRP-9	1/3/2019	50.32	37.81	12.51



Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
SMBRP-10C	8/24/2015	16.25	7.37	8.88
SMBRP-10C	9/21/2015	16.25	7.64	8.61
SMBRP-10C	10/20/2015	16.25	7.96	8.29
SMBRP-10C	11/16/2015	16.25	8.16	8.09
SMBRP-10C	12/14/2015	16.25	8.06	8.19
SMBRP-10C	1/14/2016	16.25	6.11	10.14
SMBRP-10C	2/16/2016	16.25	6.57	9.68
SMBRP-10C	3/14/2016	16.25	4.80	11.45
SMBRP-10C	4/25/2016	16.25	6.59	9.66
SMBRP-10C	5/16/2016	16.25	6.86	9.39
SMBRP-10C	6/17/2016	16.25	6.90	9.35
SMBRP-10C	7/20/2016	16.25	7.72	8.53
SMBRP-10C	8/20/2016	16.25	8.12	8.13
SMBRP-10C	9/19/2016	16.25	8.54	7.71
SMBRP-10C	10/21/2016	16.25	8.78	7.47
SMBRP-10C	11/18/2016	16.25	8.89	7.36
SMBRP-10C	12/19/2016	16.25	7.95	8.30
SMBRP-10C	1/17/2017	16.25	2.72	13.53
SMBRP-10C	2/24/2017	16.25	0.99	15.26
SMBRP-10C	3/27/2017	16.25	2.06	14.19
SMBRP-10C	4/17/2017	16.25	3.97	12.28
SMBRP-10C	5/22/2017	16.25	5.52	10.73
SMBRP-10C	6/20/2017	16.25	6.22	10.03
SMBRP-10C	7/28/2017	16.25	6.89	9.36
SMBRP-10C	8/25/2017	16.25	7.28	8.97
SMBRP-10C	9/11/2017	16.25	7.51	8.74
SMBRP-10C	10/16/2017	16.25	7.37	8.88
SMBRP-10C	11/15/2017	16.25	7.38	8.87
SMBRP-10C	12/11/2017	16.25	7.43	8.82
SMBRP-10C	1/22/2018	16.25	6.82	9.43
SMBRP-10C	2/14/2018	16.25	6.95	9.30
SMBRP-10C	3/19/2018	16.25	5.71	10.54
SMBRP-10C	4/23/2018	16.25	5.91	10.34
SMBRP-10C	5/10/2018	16.25	6.07	10.18
SMBRP-10C	6/19/2018	16.25	6.68	9.57
SMBRP-10C	7/10/2018	16.25	7.00	9.25
SMBRP-10C	8/20/2018	16.25	7.33	8.92
SMBRP-10C	9/17/2018	16.25	7.45	8.80
SMBRP-10C	10/4/2018	16.25	7.65	8.60
SMBRP-10C	11/5/2018	16.25	7.75	8.50
SMBRP-10C	12/17/2018	16.25	6.55	9.70
SMBRP-10C	1/3/2019	16.25	6.79	9.46



Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
SMBRP-12	8/24/2015	12.62	7.52	5.10
SMBRP-12	9/21/2015	12.62	6.91	5.71
SMBRP-12	10/20/2015	12.62	6.72	5.90
SMBRP-12	11/16/2015	12.62	6.75	5.87
SMBRP-12	12/14/2015	12.62	6.42	6.20
SMBRP-12	1/14/2016	12.62	6.95	5.67
SMBRP-12	2/16/2016	12.62	6.85	5.77
SMBRP-12	3/14/2016	12.62	6.09	6.53
SMBRP-12	4/25/2016	12.62	6.76	5.86
SMBRP-12	5/16/2016	12.62	6.40	6.22
SMBRP-12	6/17/2016	12.62	5.39	7.23
SMBRP-12	7/20/2016	12.62	6.05	6.57
SMBRP-12	8/20/2016	12.62	6.85	5.77
SMBRP-12	9/19/2016	12.62	6.44	6.18
SMBRP-12	10/21/2016	12.62	8.09	4.53
SMBRP-12	11/18/2016	12.62	6.52	6.10
SMBRP-12	12/19/2016	12.62	7.16	5.46
SMBRP-12	1/17/2017	12.62	6.48	6.14
SMBRP-12	2/24/2017	12.62	7.61	5.01
SMBRP-12	3/27/2017	12.62	6.96	5.66
SMBRP-12	4/17/2017	12.62	7.29	5.33
SMBRP-12	5/22/2017	12.62	7.63	4.99
SMBRP-12	6/20/2017	12.62	7.19	5.43
SMBRP-12	7/28/2017	12.62	6.68	5.94
SMBRP-12	8/25/2017	12.62	6.76	5.86
SMBRP-12	9/11/2017	12.62	7.02	5.60
SMBRP-12	10/16/2017	12.62	6.88	5.74
SMBRP-12	11/15/2017	12.62	7.08	5.54
SMBRP-12	12/11/2017	12.62	7.17	5.45
SMBRP-12	1/22/2018	12.62	7.17	5.45
SMBRP-12	2/14/2018	12.62	6.36	6.26
SMBRP-12	3/19/2018	12.62	6.32	6.30
SMBRP-12	4/23/2018	12.62	8.01	4.61
SMBRP-12	5/10/2018	12.62	8.05	4.57
SMBRP-12	6/19/2018	12.62	7.26	5.36
SMBRP-12	7/10/2018	12.62	4.85	7.77
SMBRP-12	8/20/2018	12.62	6.50	6.12
SMBRP-12	9/17/2018	12.62	6.63	5.99
SMBRP-12	10/4/2018	12.62	5.99	6.63
SMBRP-12	11/5/2018	12.62	7.29	5.33
SMBRP-12	12/17/2018	12.62	6.78	5.84
SMBRP-12	1/3/2019	12.62	7.48	5.14



Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
SMBRP-13	8/24/2015	13.58	8.32	5.26
SMBRP-13	9/21/2015	13.58	7.98	5.60
SMBRP-13	10/20/2015	13.58	8.20	5.38
SMBRP-13	11/16/2015	13.58	7.87	5.71
SMBRP-13	12/14/2015	13.58	6.85	6.73
SMBRP-13	1/14/2016	13.58	8.24	5.34
SMBRP-13	2/16/2016	13.58	8.00	5.58
SMBRP-13	3/14/2016	13.58	7.61	5.97
SMBRP-13	4/25/2016	13.58	7.66	5.92
SMBRP-13	5/16/2016	13.58	6.92	6.66
SMBRP-13	6/17/2016	13.58	7.52	6.06
SMBRP-13	7/20/2016	13.58	8.30	5.28
SMBRP-13	8/20/2016	13.58	8.03	5.55
SMBRP-13	9/19/2016	13.58	7.45	6.13
SMBRP-13	10/21/2016	13.58	8.33	5.25
SMBRP-13	11/18/2016	13.58	7.14	6.44
SMBRP-13	12/19/2016	13.58	8.34	5.24
SMBRP-13	1/17/2017	13.58	7.48	6.10
SMBRP-13	2/24/2017	13.58	9.32	4.26
SMBRP-13	3/27/2017	13.58	7.83	5.75
SMBRP-13	4/17/2017	13.58	8.55	5.03
SMBRP-13	5/22/2017	13.58	8.81	4.77
SMBRP-13	6/20/2017	13.58	7.78	5.80
SMBRP-13	7/28/2017	13.58	8.01	5.57
SMBRP-13	8/25/2017	13.58	8.04	5.54
SMBRP-13	9/11/2017	13.58	8.42	5.16
SMBRP-13	10/16/2017	13.58	8.05	5.53
SMBRP-13	11/15/2017	13.58	8.20	5.38
SMBRP-13	12/11/2017	13.58	9.00	4.58
SMBRP-13	1/22/2018	13.58	8.46	5.12
SMBRP-13	2/14/2018	13.58	7.85	5.73
SMBRP-13	3/19/2018	13.58	8.53	5.05
SMBRP-13	4/23/2018	13.58	8.40	5.18
SMBRP-13	5/10/2018	13.58	8.09	5.49
SMBRP-13	6/19/2018	13.58	8.00	5.58
SMBRP-13	7/10/2018	13.58	7.85	5.73
SMBRP-13	8/20/2018	13.58	8.38	5.20
SMBRP-13	9/17/2018	13.58	8.33	5.25
SMBRP-13	10/4/2018	13.58	8.79	4.79
SMBRP-13	11/5/2018	13.58	8.78	4.80
SMBRP-13	12/17/2018	13.58	8.50	5.08
SMBRP-13	1/3/2019	13.58	8.20	5.38



Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
SMBRP-15B	8/24/2015	16.77	dry	-
SMBRP-15B	9/21/2015	16.77	dry	-
SMBRP-15B	10/20/2015	16.77	dry	-
SMBRP-15B	11/16/2015	16.77	dry	-
SMBRP-15B	12/14/2015	16.77	dry	-
SMBRP-15B	1/14/2016	16.77	dry	-
SMBRP-15B	2/16/2016	16.77	dry	-
SMBRP-15B	3/14/2016	16.77	dry	-
SMBRP-15B	4/25/2016	16.77	dry	-
SMBRP-15B	5/16/2016	16.77	dry	-
SMBRP-15B	6/17/2016	16.77	dry	-
SMBRP-15B	7/20/2016	16.77	dry	-
SMBRP-15B	8/20/2016	16.77	dry	-
SMBRP-15B	9/19/2016	16.77	dry	-
SMBRP-15B	10/21/2016	16.77	dry	-
SMBRP-15B	11/18/2016	16.77	dry	-
SMBRP-15B	12/19/2016	16.77	dry	-
SMBRP-15B	1/17/2017	16.77	dry	-
SMBRP-15B	2/24/2017	16.77	dry	-
SMBRP-15B	3/27/2017	16.77	dry	-
SMBRP-15B	4/17/2017	16.77	dry	-
SMBRP-15B	5/22/2017	16.77	dry	-
SMBRP-15B	6/20/2017	16.77	dry	-
SMBRP-15B	7/28/2017	16.77	dry	-
SMBRP-15B	8/25/2017	16.77	dry	-
SMBRP-15B	9/11/2017	16.77	dry	-
SMBRP-15B	10/16/2017	16.77	dry	-
SMBRP-15B	11/15/2017	16.77	dry	-
SMBRP-15B	12/11/2017	16.77	dry	-
SMBRP-15B	1/22/2018	16.77	dry	-
SMBRP-15B	2/14/2018	16.77	dry	-
SMBRP-15B	3/19/2018	16.77	dry	-
SMBRP-15B	4/23/2018	16.77	dry	-
SMBRP-15B	5/10/2018	16.77	dry	-
SMBRP-15B	6/19/2018	16.77	dry	-
SMBRP-15B	7/10/2018	16.77	dry	-
SMBRP-15B	8/20/2018	16.77	dry	-
SMBRP-15B	9/17/2018	16.77	dry	-
SMBRP-15B	10/4/2018	16.77	dry	-
SMBRP-15B	11/5/2018	16.77	dry	-
SMBRP-15B	12/17/2018	16.77	dry	-
SMBRP-15B	1/3/2019	16.77	dry	-

Table 1
Groundwater Elevations

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
SMBRP-16	8/24/2015	14.50	4.95	9.55
SMBRP-16	9/21/2015	14.50	4.96	9.54
SMBRP-16	10/20/2015	14.50	5.34	9.16
SMBRP-16	11/16/2015	14.50	5.55	8.95
SMBRP-16	12/14/2015	14.50	5.59	8.91
SMBRP-16	1/14/2016	14.50	3.79	10.71
SMBRP-16	2/16/2016	14.50	4.60	9.90
SMBRP-16	3/14/2016	14.50	5.27	9.23
SMBRP-16	4/25/2016	14.50	4.65	9.85
SMBRP-16	5/16/2016	14.50	4.92	9.58
SMBRP-16	6/17/2016	14.50	5.15	9.35
SMBRP-16	7/20/2016	14.50	5.49	9.01
SMBRP-16	8/20/2016	14.50	5.72	8.78
SMBRP-16	9/19/2016	14.50	5.92	8.58
SMBRP-16	10/21/2016	14.50	6.18	8.32
SMBRP-16	11/18/2016	14.50	6.02	8.48
SMBRP-16	12/19/2016	14.50	5.23	9.27
SMBRP-16	1/17/2017	14.50	2.54	11.96
SMBRP-16	2/24/2017	14.50	0.51	13.99
SMBRP-16	3/27/2017	14.50	2.61	11.89
SMBRP-16	4/17/2017	14.50	4.28	10.22
SMBRP-16	5/22/2017	14.50	N/A	-
SMBRP-16	6/20/2017	14.50	N/A	-
SMBRP-16	7/28/2017	14.50	6.42	8.08
SMBRP-16	8/25/2017	14.50	6.63	7.87
SMBRP-16	9/11/2017	14.50	6.51	7.99
SMBRP-16	10/16/2017	14.50	4.84	9.66
SMBRP-16	11/15/2017	14.50	4.47	10.03
SMBRP-16	12/11/2017	14.50	4.80	9.70
SMBRP-16	1/22/2018	14.50	8.25	6.25
SMBRP-16	2/14/2018	14.50	4.83	9.67
SMBRP-16	3/19/2018	14.50	3.45	11.05
SMBRP-16	5/10/2018	14.50	3.85	10.65
SMBRP-16	4/23/2018	14.50	3.72	10.78
SMBRP-16	6/19/2018	14.50	4.46	10.04
SMBRP-16	7/10/2018	14.50	4.75	9.75
SMBRP-16	8/20/2018	14.50	5.02	9.48
SMBRP-16	9/17/2018	14.50	covered	-
SMBRP-16	10/4/2018	14.50	5.23	9.27
SMBRP-16	11/5/2018	14.50	5.40	9.10
SMBRP-16	12/17/2018	14.50	4.15	10.35
SMBRP-16	1/3/2019	14.50	4.74	9.76



Table 1
Groundwater Elevations

Deep Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
MCWP-MW01	8/24/2015	17.90	10.22	7.68
MCWP-MW01	9/21/2015	17.90	9.71	8.19
MCWP-MW01	10/20/2015	17.90	10.00	7.90
MCWP-MW01	11/16/2015	17.90	9.91	7.99
MCWP-MW01	12/14/2015	17.90	9.23	8.67
MCWP-MW01	1/14/2016	17.90	10.45	7.45
MCWP-MW01	2/16/2016	17.90	11.02	6.88
MCWP-MW01	3/14/2016	17.90	10.53	7.37
MCWP-MW01	4/25/2016	17.90	10.89	7.01
MCWP-MW01	5/16/2016	17.90	10.70	7.20
MCWP-MW01	6/17/2016	17.90	10.75	7.15
MCWP-MW01	7/20/2016	17.90	11.09	6.81
MCWP-MW01	8/20/2016	17.90	11.30	6.60
MCWP-MW01	9/19/2016	17.90	11.13	6.77
MCWP-MW01	10/21/2016	17.90	11.19	6.71
MCWP-MW01	11/18/2016	17.90	9.94	7.96
MCWP-MW01	12/19/2016	17.90	10.56	7.34
MCWP-MW01	1/17/2017	17.90	10.17	7.73
MCWP-MW01	2/24/2017	17.90	10.68	7.22
MCWP-MW01	3/27/2017	17.90	11.47	6.43
MCWP-MW01	4/17/2017	17.90	11.33	6.57
MCWP-MW01	5/22/2017	17.90	11.83	6.07
MCWP-MW01	6/20/2017	17.90	10.47	7.43
MCWP-MW01	7/28/2017	17.90	10.45	7.45
MCWP-MW01	8/25/2017	17.90	10.29	7.61
MCWP-MW01	9/11/2017	17.90	10.60	7.30
MCWP-MW01	10/16/2017	17.90	10.06	7.84
MCWP-MW01	11/15/2017	17.90	9.99	7.91
MCWP-MW01	12/11/2017	17.90	11.57	6.33
MCWP-MW01	1/22/2018	17.90	10.70	7.20
MCWP-MW01	2/14/2018	17.90	10.49	7.41
MCWP-MW01	3/19/2018	17.90	10.33	7.57
MCWP-MW01	4/23/2018	17.90	11.19	6.71
MCWP-MW01	5/10/2018	17.90	10.26	7.64
MCWP-MW01	6/19/2018	17.90	10.31	7.59
MCWP-MW01	7/10/2018	17.90	10.14	7.76
MCWP-MW01	8/20/2018	17.90	10.19	7.71
MCWP-MW01	9/17/2018	17.90	10.50	7.40
MCWP-MW01	10/4/2018	17.90	10.27	7.63
MCWP-MW01	11/5/2018	17.90	10.05	7.85
MCWP-MW01	12/17/2018	17.90	11.05	6.85
MCWP-MW01	1/3/2019	17.90	10.95	6.95



Table 1
Groundwater Elevations

Deep Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
MCWP-MW02	8/24/2015	18.06	10.39	7.67
MCWP-MW02	9/21/2015	18.06	9.92	8.14
MCWP-MW02	10/20/2015	18.06	10.25	7.81
MCWP-MW02	11/16/2015	18.06	10.16	7.90
MCWP-MW02	12/14/2015	18.06	9.14	8.92
MCWP-MW02	1/14/2016	18.06	10.68	7.38
MCWP-MW02	2/16/2016	18.06	11.13	6.93
MCWP-MW02	3/14/2016	18.06	10.72	7.34
MCWP-MW02	4/25/2016	18.06	11.08	6.98
MCWP-MW02	5/16/2016	18.06	10.55	7.51
MCWP-MW02	6/17/2016	18.06	10.82	7.24
MCWP-MW02	7/20/2016	18.06	11.10	6.96
MCWP-MW02	8/20/2016	18.06	11.35	6.71
MCWP-MW02	9/19/2016	18.06	11.59	6.47
MCWP-MW02	10/21/2016	18.06	11.41	6.65
MCWP-MW02	11/18/2016	18.06	10.16	7.90
MCWP-MW02	12/19/2016	18.06	10.82	7.24
MCWP-MW02	1/17/2017	18.06	10.44	7.62
MCWP-MW02	2/24/2017	18.06	10.68	7.38
MCWP-MW02	3/27/2017	18.06	11.96	6.10
MCWP-MW02	4/17/2017	18.06	11.35	6.71
MCWP-MW02	5/22/2017	18.06	12.03	6.03
MCWP-MW02	6/20/2017	18.06	10.74	7.32
MCWP-MW02	7/28/2017	18.06	10.56	7.50
MCWP-MW02	8/25/2017	18.06	10.62	7.44
MCWP-MW02	9/11/2017	18.06	10.79	7.27
MCWP-MW02	10/16/2017	18.06	10.28	7.78
MCWP-MW02	11/15/2017	18.06	10.49	7.57
MCWP-MW02	12/11/2017	18.06	8.65	9.41
MCWP-MW02	1/22/2018	18.06	10.95	7.11
MCWP-MW02	2/14/2018	18.06	10.71	7.35
MCWP-MW02	3/19/2018	18.06	10.64	7.42
MCWP-MW02	4/23/2018	18.06	11.09	6.97
MCWP-MW02	5/10/2018	18.06	10.16	7.90
MCWP-MW02	6/19/2018	18.06	10.18	7.88
MCWP-MW02	7/10/2018	18.06	10.18	7.88
MCWP-MW02	8/20/2018	18.06	10.32	7.74
MCWP-MW02	9/17/2018	18.06	10.45	7.61
MCWP-MW02	10/4/2018	18.06	10.30	7.76
MCWP-MW02	11/5/2018	18.06	10.60	7.46
MCWP-MW02	12/17/2018	18.06	12.37	5.69
MCWP-MW02	1/3/2019	18.06	11.18	6.88



Table 1
Groundwater Elevations

Deep Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
MCWP-MW03	9/21/2015	15.31	7.52	7.79
MCWP-MW03	10/20/2015	15.31	7.78	7.53
MCWP-MW03	11/16/2015	15.31	7.34	7.97
MCWP-MW03	12/14/2015	15.31	6.75	8.56
MCWP-MW03	1/14/2016	15.31	8.38	6.93
MCWP-MW03	2/16/2016	15.31	8.43	6.88
MCWP-MW03	3/14/2016	15.31	8.05	7.26
MCWP-MW03	4/25/2016	15.31	8.63	6.68
MCWP-MW03	5/16/2016	15.31	8.35	6.96
MCWP-MW03	6/17/2016	15.31	8.50	6.81
MCWP-MW03	7/20/2016	15.31	8.30	7.01
MCWP-MW03	8/20/2016	15.31	8.87	6.44
MCWP-MW03	9/19/2016	15.31	8.23	7.08
MCWP-MW03	10/21/2016	15.31	8.94	6.37
MCWP-MW03	11/18/2016	15.31	7.64	7.67
MCWP-MW03	12/19/2016	15.31	8.09	7.22
MCWP-MW03	1/17/2017	15.31	7.63	7.68
MCWP-MW03	2/24/2017	15.31	N/A	-
MCWP-MW03	3/27/2017	15.31	N/A	-
MCWP-MW03	4/17/2017	15.31	N/A	-
MCWP-MW03	5/22/2017	15.31	N/A	-
MCWP-MW03	6/20/2017	15.31	N/A	-
MCWP-MW03	7/28/2017	15.31	8.02	7.29
MCWP-MW03	8/25/2017	15.31	7.58	7.73
MCWP-MW03	9/11/2017	15.31	7.92	7.39
MCWP-MW03	10/16/2017	15.31	7.39	7.92
MCWP-MW03	11/15/2017	15.31	7.70	7.61
MCWP-MW03	12/11/2017	15.31	9.25	6.06
MCWP-MW03	1/22/2018	15.31	8.14	7.17
MCWP-MW03	2/14/2018	15.31	8.47	6.84
MCWP-MW03	3/19/2018	15.31	8.12	7.19
MCWP-MW03	4/23/2018	15.31	9.21	6.10
MCWP-MW03	5/10/2018	15.31	8.10	7.21
MCWP-MW03	6/19/2018	15.31	8.48	6.83
MCWP-MW03	7/10/2018	15.31	7.90	7.41
MCWP-MW03	8/20/2018	15.31	7.90	7.41
MCWP-MW03	9/17/2018	15.31	7.81	7.50
MCWP-MW03	10/4/2018	15.31	8.06	7.25
MCWP-MW03	11/5/2018	15.31	7.02	8.29
MCWP-MW03	12/17/2018	15.31	8.74	6.57
MCWP-MW03	1/3/2019	15.31	8.78	6.53



Table 1
Groundwater Elevations

Deep Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
MCWP-MW04D	8/24/2015	15.43	9.35	6.08
MCWP-MW04D	9/21/2015	15.43	8.84	6.59
MCWP-MW04D	10/20/2015	15.43	9.16	6.27
MCWP-MW04D	11/16/2015	15.43	9.13	6.30
MCWP-MW04D	12/14/2015	15.43	8.39	7.04
MCWP-MW04D	1/14/2016	15.43	9.59	5.84
MCWP-MW04D	2/16/2016	15.43	10.24	5.19
MCWP-MW04D	3/14/2016	15.43	9.69	5.74
MCWP-MW04D	4/25/2016	15.43	10.07	5.36
MCWP-MW04D	5/16/2016	15.43	9.83	5.60
MCWP-MW04D	6/17/2016	15.43	9.97	5.46
MCWP-MW04D	7/20/2016	15.43	10.22	5.21
MCWP-MW04D	8/20/2016	15.43	10.33	5.10
MCWP-MW04D	9/19/2016	15.43	10.32	5.11
MCWP-MW04D	10/21/2016	15.43	10.40	5.03
MCWP-MW04D	11/18/2016	15.43	9.12	6.31
MCWP-MW04D	12/19/2016	15.43	9.68	5.75
MCWP-MW04D	1/17/2017	15.43	9.34	6.09
MCWP-MW04D	2/24/2017	15.43	9.83	5.60
MCWP-MW04D	3/27/2017	15.43	10.61	4.82
MCWP-MW04D	4/17/2017	15.43	10.51	4.92
MCWP-MW04D	5/22/2017	15.43	10.99	4.44
MCWP-MW04D	6/20/2017	15.43	9.62	5.81
MCWP-MW04D	7/28/2017	15.43	9.62	5.81
MCWP-MW04D	8/25/2017	15.43	9.46	5.97
MCWP-MW04D	9/11/2017	15.43	9.72	5.71
MCWP-MW04D	10/16/2017	15.43	9.24	6.19
MCWP-MW04D	11/15/2017	15.43	9.13	6.30
MCWP-MW04D	12/11/2017	15.43	10.78	4.65
MCWP-MW04D	1/22/2018	15.43	9.84	5.59
MCWP-MW04D	2/14/2018	15.43	9.59	5.84
MCWP-MW04D	3/19/2018	15.43	9.56	5.87
MCWP-MW04D	4/23/2018	15.43	10.41	5.02
MCWP-MW04D	5/10/2018	15.43	9.49	5.94
MCWP-MW04D	6/19/2018	15.43	9.56	5.87
MCWP-MW04D	7/10/2018	15.43	9.24	6.19
MCWP-MW04D	8/20/2018	15.43	9.41	6.02
MCWP-MW04D	9/17/2018	15.43	9.20	6.23
MCWP-MW04D	10/4/2018	15.43	9.44	5.99
MCWP-MW04D	11/5/2018	15.43	9.20	6.23
MCWP-MW04D	12/17/2018	15.43	10.24	5.19
MCWP-MW04D	1/3/2019	15.43	10.18	5.25



Table 1
Groundwater Elevations

Deep Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
MCWP-MW05	8/24/2015	13.92	7.62	6.30
MCWP-MW05	9/21/2015	13.92	7.30	6.62
MCWP-MW05	10/20/2015	13.92	7.47	6.45
MCWP-MW05	11/16/2015	13.92	7.42	6.50
MCWP-MW05	12/14/2015	13.92	6.39	7.53
MCWP-MW05	1/14/2016	13.92	7.82	6.10
MCWP-MW05	2/16/2016	13.92	8.37	5.55
MCWP-MW05	3/14/2016	13.92	7.96	5.96
MCWP-MW05	4/25/2016	13.92	8.27	5.65
MCWP-MW05	5/16/2016	13.92	7.78	6.14
MCWP-MW05	6/17/2016	13.92	8.05	5.87
MCWP-MW05	7/20/2016	13.92	8.41	5.51
MCWP-MW05	8/20/2016	13.92	8.69	5.23
MCWP-MW05	9/19/2016	13.92	8.98	4.94
MCWP-MW05	10/21/2016	13.92	N/A	-
MCWP-MW05	11/18/2016	13.92	N/A	-
MCWP-MW05	12/19/2016	13.92	N/A	-
MCWP-MW05	1/17/2017	13.92	N/A	-
MCWP-MW05	2/24/2017	13.92	N/A	-
MCWP-MW05	3/27/2017	13.92	8.39	5.53
MCWP-MW05	4/17/2017	13.92	8.48	5.44
MCWP-MW05	5/22/2017	13.92	N/A	-
MCWP-MW05	6/20/2017	13.92	N/A	-
MCWP-MW05	7/28/2017	13.92	N/A	-
MCWP-MW05	8/25/2017	13.92	N/A	-
MCWP-MW05	9/11/2017	13.92	8.15	5.77
MCWP-MW05	10/16/2017	13.92	7.48	6.44
MCWP-MW05	11/15/2017	13.92	7.41	6.51
MCWP-MW05	12/11/2017	13.92	8.78	5.14
MCWP-MW05	1/22/2018	13.92	8.04	5.88
MCWP-MW05	2/14/2018	13.92	8.10	5.82
MCWP-MW05	3/19/2018	13.92	7.74	6.18
MCWP-MW05	4/23/2018	13.92	8.18	5.74
MCWP-MW05	5/10/2018	13.92	7.36	6.56
MCWP-MW05	6/19/2018	13.92	7.43	6.49
MCWP-MW05	7/10/2018	13.92	7.34	6.58
MCWP-MW05	8/20/2018	13.92	7.50	6.42
MCWP-MW05	9/17/2018	13.92	7.41	6.51
MCWP-MW05	10/4/2018	13.92	7.51	6.41
MCWP-MW05	11/5/2018	13.92	7.30	6.62
MCWP-MW05	12/17/2018	13.92	8.35	5.57
MCWP-MW05	1/3/2019	13.92	8.29	5.63

Table 1
Groundwater Elevations

Deep Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
MCWP-MW06	8/24/2015	16.05	9.87	6.18
MCWP-MW06	9/21/2015	16.05	9.40	6.65
MCWP-MW06	10/20/2015	16.05	9.71	6.34
MCWP-MW06	11/16/2015	16.05	9.61	6.44
MCWP-MW06	12/14/2015	16.05	8.64	7.41
MCWP-MW06	1/14/2016	16.05	10.12	5.93
MCWP-MW06	2/16/2016	16.05	10.58	5.47
MCWP-MW06	3/14/2016	16.05	10.14	5.91
MCWP-MW06	4/25/2016	16.05	10.49	5.56
MCWP-MW06	5/16/2016	16.05	10.06	5.99
MCWP-MW06	6/17/2016	16.05	10.27	5.78
MCWP-MW06	7/20/2016	16.05	10.60	5.45
MCWP-MW06	8/20/2016	16.05	10.86	5.19
MCWP-MW06	9/19/2016	16.05	11.07	4.98
MCWP-MW06	10/21/2016	16.05	10.90	5.15
MCWP-MW06	11/18/2016	16.05	9.62	6.43
MCWP-MW06	12/19/2016	16.05	10.20	5.85
MCWP-MW06	1/17/2017	16.05	9.87	6.18
MCWP-MW06	2/24/2017	16.05	10.05	6.00
MCWP-MW06	3/27/2017	16.05	11.41	4.64
MCWP-MW06	4/17/2017	16.05	10.81	5.24
MCWP-MW06	5/22/2017	16.05	11.43	4.62
MCWP-MW06	6/20/2017	16.05	10.16	5.89
MCWP-MW06	7/28/2017	16.05	10.03	6.02
MCWP-MW06	8/25/2017	16.05	10.06	5.99
MCWP-MW06	9/11/2017	16.05	10.41	5.64
MCWP-MW06	10/16/2017	16.05	9.72	6.33
MCWP-MW06	11/15/2017	16.05	9.91	6.14
MCWP-MW06	12/11/2017	16.05	11.10	4.95
MCWP-MW06	1/22/2018	16.05	10.34	5.71
MCWP-MW06	2/14/2018	16.05	10.19	5.86
MCWP-MW06	3/19/2018	16.05	9.86	6.19
MCWP-MW06	4/23/2018	16.05	10.67	5.38
MCWP-MW06	5/10/2018	16.05	9.67	6.38
MCWP-MW06	6/19/2018	16.05	9.71	6.34
MCWP-MW06	7/10/2018	16.05	9.64	6.41
MCWP-MW06	8/20/2018	16.05	9.78	6.27
MCWP-MW06	9/17/2018	16.05	9.60	6.45
MCWP-MW06	10/4/2018	16.05	9.75	6.30
MCWP-MW06	11/5/2018	16.05	9.85	6.20
MCWP-MW06	12/17/2018	16.05	10.61	5.44
MCWP-MW06	1/3/2019	16.05	10.72	5.33

Table 1
Groundwater Elevations

Deep Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
MCWP-MW07D	8/24/2015	13.21	7.51	5.70
MCWP-MW07D	9/21/2015	13.21	7.44	5.77
MCWP-MW07D	10/20/2015	13.21	7.67	5.54
MCWP-MW07D	11/16/2015	13.21	7.27	5.94
MCWP-MW07D	12/14/2015	13.21	6.59	6.62
MCWP-MW07D	1/14/2016	13.21	8.32	4.89
MCWP-MW07D	2/16/2016	13.21	8.32	4.89
MCWP-MW07D	3/14/2016	13.21	7.92	5.29
MCWP-MW07D	4/25/2016	13.21	8.47	4.74
MCWP-MW07D	5/16/2016	13.21	8.26	4.95
MCWP-MW07D	6/17/2016	13.21	8.45	4.76
MCWP-MW07D	7/20/2016	13.21	8.18	5.03
MCWP-MW07D	8/20/2016	13.21	8.77	4.44
MCWP-MW07D	9/19/2016	13.21	8.12	5.09
MCWP-MW07D	10/21/2016	13.21	8.81	4.40
MCWP-MW07D	11/18/2016	13.21	7.54	5.67
MCWP-MW07D	12/19/2016	13.21	7.99	5.22
MCWP-MW07D	1/17/2017	13.21	7.52	5.69
MCWP-MW07D	2/24/2017	13.21	N/A	-
MCWP-MW07D	3/27/2017	13.21	N/A	-
MCWP-MW07D	4/17/2017	13.21	N/A	-
MCWP-MW07D	5/22/2017	13.21	N/A	-
MCWP-MW07D	6/20/2017	13.21	N/A	-
MCWP-MW07D	7/28/2017	13.21	7.91	5.30
MCWP-MW07D	8/25/2017	13.21	7.44	5.77
MCWP-MW07D	9/11/2017	13.21	7.91	5.30
MCWP-MW07D	10/16/2017	13.21	7.20	6.01
MCWP-MW07D	11/15/2017	13.21	7.54	5.67
MCWP-MW07D	12/11/2017	13.21	9.12	4.09
MCWP-MW07D	1/22/2018	13.21	8.02	5.19
MCWP-MW07D	2/14/2018	13.21	8.38	4.83
MCWP-MW07D	3/19/2018	13.21	7.83	5.38
MCWP-MW07D	4/23/2018	13.21	9.07	4.14
MCWP-MW07D	5/10/2018	13.21	7.98	5.23
MCWP-MW07D	6/19/2018	13.21	8.44	4.77
MCWP-MW07D	7/10/2018	13.21	7.74	5.47
MCWP-MW07D	8/20/2018	13.21	7.81	5.40
MCWP-MW07D	9/17/2018	13.21	7.73	5.48
MCWP-MW07D	10/4/2018	13.21	7.91	5.30
MCWP-MW07D	11/5/2018	13.21	6.91	6.30
MCWP-MW07D	12/17/2018	13.21	8.55	4.66
MCWP-MW07D	1/3/2019	13.21	8.71	4.50



Table 1
Groundwater Elevations

Deep Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
MCWP-MW09	8/24/2015	16.30	5.69	10.61
MCWP-MW09	9/21/2015	16.30	5.42	10.88
MCWP-MW09	10/20/2015	16.30	5.68	10.62
MCWP-MW09	11/16/2015	16.30	5.50	10.80
MCWP-MW09	12/14/2015	16.30	4.75	11.55
MCWP-MW09	1/14/2016	16.30	6.37	9.93
MCWP-MW09	2/16/2016	16.30	6.42	9.88
MCWP-MW09	3/14/2016	16.30	6.04	10.26
MCWP-MW09	4/25/2016	16.30	6.38	9.92
MCWP-MW09	5/16/2016	16.30	5.85	10.45
MCWP-MW09	6/17/2016	16.30	5.96	10.34
MCWP-MW09	7/20/2016	16.30	6.44	9.86
MCWP-MW09	8/20/2016	16.30	6.54	9.76
MCWP-MW09	9/19/2016	16.30	6.26	10.04
MCWP-MW09	10/21/2016	16.30	6.71	9.59
MCWP-MW09	11/18/2016	16.30	5.68	10.62
MCWP-MW09	12/19/2016	16.30	6.31	9.99
MCWP-MW09	1/17/2017	16.30	5.79	10.51
MCWP-MW09	2/24/2017	16.30	6.78	9.52
MCWP-MW09	3/27/2017	16.30	7.12	9.18
MCWP-MW09	4/17/2017	16.30	6.83	9.47
MCWP-MW09	5/22/2017	16.30	7.72	8.58
MCWP-MW09	6/20/2017	16.30	6.24	10.06
MCWP-MW09	7/28/2017	16.30	5.76	10.54
MCWP-MW09	8/25/2017	16.30	5.78	10.52
MCWP-MW09	9/11/2017	16.30	5.85	10.45
MCWP-MW09	10/16/2017	16.30	5.90	10.40
MCWP-MW09	11/15/2017	16.30	5.70	10.60
MCWP-MW09	12/11/2017	16.30	7.10	9.20
MCWP-MW09	1/22/2018	16.30	6.31	9.99
MCWP-MW09	2/14/2018	16.30	7.30	9.00
MCWP-MW09	3/19/2018	16.30	7.71	8.59
MCWP-MW09	4/23/2018	16.30	6.90	9.40
MCWP-MW09	5/10/2018	16.30	6.04	10.26
MCWP-MW09	6/19/2018	16.30	6.01	10.29
MCWP-MW09	7/10/2018	16.30	7.40	8.90
MCWP-MW09	8/20/2018	16.30	5.74	10.56
MCWP-MW09	9/17/2018	16.30	5.77	10.53
MCWP-MW09	10/4/2018	16.30	7.08	9.22
MCWP-MW09	11/5/2018	16.30	5.83	10.47
MCWP-MW09	12/17/2018	16.30	7.30	9.00
MCWP-MW09	1/3/2019	16.30	6.67	9.63



Table 1
Groundwater Elevations

Winter Canyon Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
LAMW-5S	8/24/2015	104.55	53.71	50.84
LAMW-5S	9/21/2015	104.55	53.30	51.25
LAMW-5S	10/20/2015	104.55	53.74	50.81
LAMW-5S	11/16/2015	104.55	53.90	50.65
LAMW-5S	12/14/2015	104.55	53.54	51.01
LAMW-5S	1/14/2016	104.55	54.02	50.53
LAMW-5S	2/16/2016	104.55	53.69	50.86
LAMW-5S	3/14/2016	104.55	53.92	50.63
LAMW-5S	4/25/2016	104.55	53.88	50.67
LAMW-5S	5/16/2016	104.55	53.98	50.57
LAMW-5S	6/17/2016	104.55	53.97	50.58
LAMW-5S	7/20/2016	104.55	54.23	50.32
LAMW-5S	8/20/2016	104.55	54.42	50.13
LAMW-5S	9/19/2016	104.55	54.77	49.78
LAMW-5S	10/21/2016	104.55	55.00	49.55
LAMW-5S	11/18/2016	104.55	54.91	49.64
LAMW-5S	12/19/2016	104.55	53.83	50.72
LAMW-5S	1/17/2017	104.55	53.81	50.74
LAMW-5S	2/24/2017	104.55	50.54	54.01
LAMW-5S	3/27/2017	104.55	48.71	55.84
LAMW-5S	4/17/2017	104.55	48.24	56.31
LAMW-5S	5/22/2017	104.55	48.23	56.32
LAMW-5S	6/20/2017	104.55	48.39	56.16
LAMW-5S	7/28/2017	104.55	49.08	55.47
LAMW-5S	8/25/2017	104.55	49.77	54.78
LAMW-5S	9/11/2017	104.55	49.75	54.80
LAMW-5S	10/16/2017	104.55	50.99	53.56
LAMW-5S	11/15/2017	104.55	51.66	52.89
LAMW-5S	12/11/2017	104.55	52.42	52.13
LAMW-5S	1/22/2018	104.55	53.85	50.70
LAMW-5S	2/14/2018	104.55	54.38	50.17
LAMW-5S	3/19/2018	104.55	54.57	49.98
LAMW-5S	4/23/2018	104.55	54.20	50.35
LAMW-5S	5/10/2018	104.55	54.59	49.96
LAMW-5S	6/19/2018	104.55	54.60	49.95
LAMW-5S	7/10/2018	104.55	54.35	50.20
LAMW-5S	8/24/2018	104.55	53.68	50.87
LAMW-5S	9/17/2018	104.55	53.00	51.55
LAMW-5S	10/4/2018	104.55	52.92	51.63
LAMW-5S	11/5/2018	104.55	54.33	50.22
LAMW-5S	12/17/2018	104.55	51.93	52.62
LAMW-5S	1/3/2019	104.55	51.63	52.92



Table 1
Groundwater Elevations

Winter Canyon Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
SMBRP-11	8/24/2015	18.35	8.88	9.47
SMBRP-11	9/21/2015	18.35	8.70	9.65
SMBRP-11	10/20/2015	18.35	8.36	9.99
SMBRP-11	11/16/2015	18.35	8.64	9.71
SMBRP-11	12/14/2015	18.35	8.35	10.00
SMBRP-11	1/14/2016	18.35	8.00	10.35
SMBRP-11	2/16/2016	18.35	8.30	10.05
SMBRP-11	3/14/2016	18.35	7.89	10.46
SMBRP-11	4/25/2016	18.35	8.63	9.72
SMBRP-11	5/16/2016	18.35	8.62	9.73
SMBRP-11	6/17/2016	18.35	8.39	9.96
SMBRP-11	7/20/2016	18.35	8.00	10.35
SMBRP-11	8/20/2016	18.35	8.44	9.91
SMBRP-11	9/19/2016	18.35	8.56	9.79
SMBRP-11	10/21/2016	18.35	8.71	9.64
SMBRP-11	11/18/2016	18.35	8.47	9.88
SMBRP-11	12/19/2016	18.35	8.71	9.64
SMBRP-11	1/17/2017	18.35	7.81	10.54
SMBRP-11	2/24/2017	18.35	7.22	11.13
SMBRP-11	3/27/2017	18.35	7.97	10.38
SMBRP-11	4/17/2017	18.35	8.19	10.16
SMBRP-11	5/22/2017	18.35	8.45	9.90
SMBRP-11	6/20/2017	18.35	8.41	9.94
SMBRP-11	7/28/2017	18.35	8.25	10.10
SMBRP-11	8/25/2017	18.35	8.26	10.09
SMBRP-11	9/11/2017	18.35	8.50	9.85
SMBRP-11	10/16/2017	18.35	8.51	9.84
SMBRP-11	11/15/2017	18.35	8.57	9.78
SMBRP-11	12/11/2017	18.35	8.65	9.70
SMBRP-11	1/22/2018	18.35	8.54	9.81
SMBRP-11	2/14/2018	18.35	8.90	9.45
SMBRP-11	3/19/2018	18.35	8.62	9.73
SMBRP-11	4/23/2018	18.35	8.85	9.50
SMBRP-11	5/10/2018	18.35	9.04	9.31
SMBRP-11	6/19/2018	18.35	8.00	10.35
SMBRP-11	7/10/2018	18.35	7.86	10.49
SMBRP-11	8/24/2018	18.35	8.50	9.85
SMBRP-11	9/17/2018	18.35	8.33	10.02
SMBRP-11	10/4/2018	18.35	8.50	9.85
SMBRP-11	11/5/2018	18.35	8.30	10.05
SMBRP-11	12/17/2018	18.35	8.20	10.15
SMBRP-11	1/3/2019	18.35	8.42	9.93

Notes:
N/A: well not accessible
'- : no data available
TOC: top of well casing
ft bTOC: feet below top of well casing
TOC elevation referenced to NAVD88

Table 2
Groundwater and Surface Water Analytical Matrix

Groundwater	Long-Term GW Monitoring SNMP MOU	SNMP MOU	Long-Term GW Monitoring SNMP MOU	Long-Term GW Monitoring SNMP MOU	Long-Term GW Monitoring SNMP MOU	SNMP MOU	SNMP MOU	Long-Term GW Monitoring SNMP MOU	Long-Term GW Monitoring SNMP MOU	SNMP	SNMP	Long-Term GW Monitoring SNMP MOU	Long-Term GW Monitoring SNMP MOU	Long-Term GW Monitoring SNMP MOU	SNMP MOU	SNMP MOU
Laboratory Analysis	*LAMW-5S*	*SMBRP-7B*	*SMBRP-9*	*SMBRP-11*[1]	*SMBRP-12*	*SMBRP-13*	*MBCMW-9*	*MCWP-MW04S*	*MCWP-MW04D*	*MCWP-MW05*	*MCWP-MW06*	*MCWP-MW07S*	*MCWP-MW07D*	*MCWP-MW09*	*MCWP-MW10*	*CCPE*
General Chemistry (Long-Term sampled quarterly, SNMP and MOU sampled semi-annually)																
General Chemistry (pH, Total Dissolved Solids, Sulfate, Chloride, Boron, Methylene Blue Active Substances [MBAS]/Foaming Agents)	✓	✓ (TDS only)	✓	✓	✓	✓ (TDS only)	✓ (TDS only)	✓	✓	✓ (TDS only)	✓ (TDS only)	✓	✓	✓	✓ (TDS only)	✓ (TDS only)
Biological Oxygen Demand (BOD)	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Turbidity (includes color and odor)	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Total and Fecal Coliform	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	✓	✓	✓	✓	✓
Total Suspended Solids	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Residual Chlorine	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Total Organic Carbon	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Oil and Grease	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Nitrate as Nitrogen	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Nitrite as Nitrogen	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	✓	✓	✓	✓	✓
Nitrate and Nitrite as Nitrogen (calculation)	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Ammonia Nitrogen	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	✓	✓	✓	✓	✓
Kjeldahl Nitrogen	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	✓	✓	✓	✓	✓
Organic Nitrogen (calculation)	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	✓	✓	✓	✓	✓
Total Nitrogen (includes TKN)	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Total Phosphorous	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	✓	✓	✓	✓	✓
Constituents listed in Attachments A1 to A5 of MRP CI 10042 (Long-Term sampled annually)																
Metals (aluminum, antimony, arsenic, barium, beryllium, cadmium, chromium, mercury, nickel, selenium, thallium)	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Asbestos	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Cyanide	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Perchlorate	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Fluoride	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Combined Radium-226 and Radium-228	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Gross Alpha and Beta Particle Activity	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Tritium	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Strontium-90	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Uranium	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Volatile Organic Compounds (EPA Method 524.2)	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
1,2-Dibromo-3-chloropropane (DBCP), Ethylene Dibromide (EDB) (EPA Method 504.1)	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-

Table 2
Groundwater and Surface Water Analytical Matrix

Groundwater	Long-Term GW Monitoring SNMP MOU	SNMP MOU	Long-Term GW Monitoring SNMP MOU	Long-Term GW Monitoring SNMP MOU	Long-Term GW Monitoring SNMP MOU	SNMP MOU	SNMP MOU	Long-Term GW Monitoring SNMP MOU	Long-Term GW Monitoring SNMP MOU	SNMP MOU	SNMP MOU	Long-Term GW Monitoring SNMP MOU	Long-Term GW Monitoring SNMP MOU	Long-Term GW Monitoring SNMP MOU	SNMP MOU	SNMP MOU
Laboratory Analysis	*LAMW-5S*	*SMBRP-7B*	*SMBRP-9*	*SMBRP-11*[1]	*SMBRP-12*	*SMBRP-13*	*MBCMW-9*	*MCWP-MW04S*	*MCWP-MW04D*	*MCWP-MW05*	*MCWP-MW06*	*MCWP-MW07S*	*MCWP-MW07D*	*MCWP-MW09*	*MCWP-MW10*	*CCPE*
Constituents listed in Attachments A1 to A5 of MRP CI 10042 (Long-Term sampled annually)																
Chlordane, Endrin, Heptachlor, Heptachlor Epoxide, Hexachlorobenzene, Hexachlorocyclopentadiene, Lindane, Methoxychlor, Polychlorinated Biphenyls, Toxaphene (EPA Method 505)	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Alachlor, Atrazine, Simazine (EPA Method 507)	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Bentazon, 2,4-D, Dalapon, Dinoseb, Pentachlorophenol, Picloram, 2,4,5-TP (Silvex) (EPA Method 515.3)	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Benzo(a)pyrene, Di(2-ethylhexyl)adipate, Di(2-ethylhexyl)phthalate, Molinate, Thiobencarb (EPA Method 525.2)	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Carbofuran, Oxamyl (EPA Method 531.1)	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Glyphosate (EPA Method 547)	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Endothall (EPA Method 548.1)	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Diquat (EPA Method 549.2)	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
2,3,7,8-TCDD (Dioxin) (EPA Method 1613)	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Trihalomethanes	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Haloacetic Acids	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Bromate	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Chlorite	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Metals (aluminum, copper, iron, manganese, silver, zinc) (included in metals above)	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Color and Odor (included in turbidity above)	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Foam agents (MBAS) (included above)	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Methyl-tert-butyl ether (MTBE) (included in VOCs above)	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Thiobencarb (included in EPA Method 525.2 above)	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Constituents of Emerging Concern in Attachment C of MRP CI 10042 (Long-Term sampled annually)																
17β-Estradiol	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Caffeine	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
n-Nitrosodimethylamine (NDMA)	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Triclosan	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
n,n-Diethyl-meta-toluamide (DEET)	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Sucralose	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-

Table 2
Groundwater and Surface Water Analytical Matrix

Groundwater	Long-Term GW Monitoring SNMP MOU	SNMP MOU	Long-Term GW Monitoring SNMP MOU	Long-Term GW Monitoring SNMP MOU	Long-Term GW Monitoring SNMP MOU	SNMP MOU	SNMP MOU	Long-Term GW Monitoring SNMP MOU	Long-Term GW Monitoring SNMP MOU	SNMP	SNMP	Long-Term GW Monitoring SNMP MOU	Long-Term GW Monitoring SNMP MOU	Long-Term GW Monitoring SNMP MOU	SNMP MOU	SNMP MOU
Laboratory Analysis	*LAMW-5S*	*SMBRP-7B*	*SMBRP-9*	*SMBRP-11*[1]	*SMBRP-12*	*SMBRP-13*	*MBCMW-9*	*MCWP-MW04S*	*MCWP-MW04D*	*MCWP-MW05*	*MCWP-MW06*	*MCWP-MW07S*	*MCWP-MW07D*	*MCWP-MW09*	*MCWP-MW10*	*CCPE*
Priority Pollutants listed in Attachment D of MRP CI 10042 (Long-Term sampled annually)																
Metals (antimony, arsenic, barium, beryllium, cadmium, chromium (III), copper, lead, mercury, nickel, selenium, silver, thallium, zinc) (included above)	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Chromium VI	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Cyanide (included above)	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Asbestos (included above)	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
2,3,7,8-TCDD (included above)	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Volatile Organic Compounds (EPA Method 624)	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Semivolatile Organic Compounds (EPA Method 625)	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Pesticides (EPA Method 625)	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-
Polychlorinated Biphenyls (included above)	✓	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓	✓	-	-

Surface Water	Long-Term SW Monitoring	Long-Term SW Monitoring	Long-Term SW Monitoring	Long-Term SW Monitoring	Long-Term SW Monitoring	Long-Term SW Monitoring	Long-Term SW Monitoring	Long-Term SW Monitoring	Long-Term SW Monitoring	Long-Term SW Monitoring
Laboratory Analysis (quarterly)	*N-001*	*N-002*	*N-003*	*N-004*	*L-001*	*L-002*	*L-003*	*L-004*	*L-005*	*L-006*
Total and Fecal Coliform	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Nitrate as Nitrogen	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Nitrite as Nitrogen	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Ammonia Nitrogen	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Organic Nitrogen	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Kjeldahl Nitrogen	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Total Phosphorous	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Notes:
✓: Laboratory analysis completed
- : Sampling & analysis not required
[1]: TY-MW-1 was replaced by SMBRP-11 per LARWQCB correspondence with City of Malibu dated May 18, 2018

Table 3
Surface Water Analytical Results

Location	Monitoring Depth	Sample ID	Sample Date	**Coliform Bacteria Analysis** (MPN/100 mL)		**Inorganic Analysis** (mg/L)						
				Total	Fecal	Nitrate Nitrogen	Nitrite Nitrogen	Total Organic Nitrogen	Ammonia Nitrogen	Total Kjeldahl Nitrogen	Total Nitrogen	Total Phosphorous
Near Shore	Ankle Depth	N-001	9/25/2015	**70**	**46**	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	**1.76**
			12/1/2015	<1.8	<1.8	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	**0.775**
			3/18/2016	<1.8	<1.8	**0.1**	<0.1	**0.937**	<0.2	**0.937**	**1.04**	**0.400**
			6/16/2016	<1.8	<1.8	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	**0.658**
			9/23/2016	<1.8	<1.8	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	**1.97**
			12/20/2016	**49**	**49**	**0.1**	<0.1	<0.5	<0.2	<0.5	**0.100**	**1.01**
			3/31/2017	**14**	**6.8**	**0.2**	<0.1	<0.5	<0.2	<0.5	**0.200**	**1.69**
			6/19/2017	**23**	**7.8**	<0.1	<0.1	**0.519**	<0.2	**0.596**	**0.596**	**2.06**
			8/29/2017	**23**	<1.8	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	**2.10**
			12/28/2017	**2.0**	<1.8	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	<0.1
			4/13/2018	**49**	**2.0**	**0.1**	<0.1	<0.5	<0.2	<0.5	**0.100**	**0.101**
			5/25/2018	**4.0**	<1.8	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	<0.1
			8/28/2018	<2.0	<2.0	<0.1	<0.1	<0.5	<0.1	<0.4	0.0	**0.0680**
			11/6/2018	*NR*	*NR*	**0.16**	<5.0	<0.5	<0.1	<0.4	**0.160**	**0.0410**
			12/19/2018	**2,400**	<1.0	<0.1	<0.1	<0.5	<0.1	<0.4	<0.5	**0.0850**
		N-002	9/25/2015	**13**	**13**	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	**1.48**
			12/1/2015	<1.8	<1.8	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	**1.38**
			3/18/2016	<1.8	<1.8	**0.1**	<0.1	<0.5	<0.2	<0.5	**0.100**	**1.42**
			6/16/2016	<1.8	<1.8	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	**1.03**
			9/23/2016	**240**	**6.8**	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	**1.30**
			12/20/2016	<1.8	<1.8	**0.1**	<0.1	<0.5	<0.2	<0.5	**0.100**	**1.35**
			3/31/2017	**13**	<1.8	**0.1**	<0.1	<0.5	<0.2	<0.5	**0.100**	**0.127**
			6/19/2017	<1.8	<1.8	<0.1	<0.1	**2.25**	<0.2	**2.25**	**2.25**	**2.03**
			8/29/2017	**8**	<1.8	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	**2.14**
			12/28/2017	**31**	**17**	**0.07**	<0.1	<0.5	<0.2	<0.5	**0.070**	<0.1
			4/13/2018	**46**	**21**	**0.1**	<0.1	<0.5	<0.2	<0.5	**0.100**	<0.1
			5/25/2018	<1.8	<1.8	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	<0.1
			8/28/2018	<2.0	<2.0	<0.1	<0.1	<0.5	<0.1	<0.4	0.0	**0.0470**
			11/6/2018	*NR*	*NR*	**0.14**	<5.0	<0.5	**5.47**	<0.4	**0.140**	**0.0310**
			12/19/2018	**>2,400**	<1.0	<0.1	<0.1	<0.5	<0.1	<0.4	<0.5	**0.0600**

Table 3
Surface Water Analytical Results

Location	Monitoring Depth	Sample ID	Sample Date	**Coliform Bacteria Analysis** (MPN/100 mL)		**Inorganic Analysis** (mg/L)						
				Total	Fecal	Nitrate Nitrogen	Nitrite Nitrogen	Total Organic Nitrogen	Ammonia Nitrogen	Total Kjeldahl Nitrogen	Total Nitrogen	Total Phosphorous
Near Shore	Ankle Depth	N-003	9/25/2015	**11**	**4.0**	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	**0.347**
			12/1/2015	**14**	**14**	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	**1.46**
			3/18/2016	**13**	<1.8	**0.1**	<0.1	**0.865**	<0.2	**0.865**	**0.965**	<0.1
			6/16/2016	<1.8	<1.8	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	<0.1
			9/23/2016	**2.0**	**2.0**	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	**1.46**
			12/20/2016	**79**	**79**	**0.1**	<0.1	<0.5	<0.2	<0.5	**0.100**	**1.31**
			3/31/2017	**350**	**33**	**0.1**	<0.1	**10.8**	<0.2	**10.8**	**10.9**	**0.467**
			6/19/2017	**7.8**	<1.8	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	**0.474**
			8/29/2017	**7.8**	**2.0**	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	**1.15**
			12/28/2017	**17**	**14**	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	<0.1
			4/13/2018	**17**	**17**	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	<0.1
			5/25/2018	<1.8	<1.8	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	<0.1
			8/28/2018	<2.0	**6.2**	<0.1	<0.1	<0.5	<0.1	<0.4	0.0	**0.0800**
			11/6/2018	*NR*	*NR*	**0.13**	<5.0	<0.5	**0.466**	<0.4	**0.230**	**0.279**
			12/19/2018	**>2,400**	**9.6**	**0.11**	<0.1	<0.5	<0.1	<0.4	**0.110**	**0.0840**
		N-004	9/25/2015	**14**	**9.3**	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	**0.288**
			12/1/2015	**2.0**	<1.8	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	**1.01**
			3/18/2016	**2.0**	<1.8	**0.1**	<0.1	<0.5	<0.2	<0.5	**0.100**	**0.648**
			6/16/2016	**6.8**	<1.8	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	**1.25**
			9/23/2016	**4.5**	<1.8	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	**1.29**
			12/20/2016	**7.8**	<1.8	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	**1.29**
			3/31/2017	**6.8**	**2.0**	<0.1	**0.153**	<0.5	<0.2	<0.5	**0.153**	**1.87**
			6/19/2017	**7.8**	**7.8**	<0.1	<0.1	**0.647**	<0.2	**0.647**	**0.647**	**1.24**
			8/29/2017	**79**	**79**	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	<0.1
			12/28/2017	**17**	**17**	**0.07**	<0.1	<0.5	<0.2	<0.5	**0.07**	**0.0440**
			4/13/2018	**4.5**	**4.5**	**0.1**	<0.1	<0.5	<0.2	<0.5	**0.10**	<0.1
			5/25/2018	**4.0**	<1.8	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	<0.1
			8/28/2018	<2.0	<2.0	<0.1	<0.1	<0.5	<0.1	<0.4	0.0	**0.0390**
			11/6/2018	*NR*	*NR*	<0.5	<0.5	**1.40**	<0.1	**1.40**	**1.40**	**0.175**
			12/19/2018	**>2,400**	<1.0	<0.1	<0.1	<0.5	<0.1	<0.4	<0.5	**0.400**

Table 3
Surface Water Analytical Results

Location	Monitoring Depth	Sample ID	Sample Date	**Coliform Bacteria Analysis** (MPN/100 mL)		**Inorganic Analysis** (mg/L)						
				Total	Fecal	Nitrate Nitrogen	Nitrite Nitrogen	Total Organic Nitrogen	Ammonia Nitrogen	Total Kjeldahl Nitrogen	Total Nitrogen	Total Phosphorous
Malibu Lagoon and Creek	1 foot BSW	L-001	9/25/2015	**920**	**49**	<0.1	<0.1	**2.26**	<0.2	**2.26**	**2.26**	**0.558**
			12/1/2015	**350**	**33**	<0.1	<0.1	**0.837**	<0.2	**0.837**	**0.837**	**0.218**
			3/18/2016	**350**	**23**	**0.3**	<0.1	**1.99**	<0.2	**1.99**	**2.29**	**0.635**
			6/16/2016	**350**	**4.5**	<0.1	<0.1	**0.696**	<0.2	**0.696**	**0.696**	**0.178**
			9/23/2016	**540**	**79**	<0.1	<0.1	**1.04**	<0.2	**1.04**	**1.04**	**0.153**
			12/20/2016	**1,600**	**49**	**3.2**	<0.1	<0.5	<0.2	<0.5	**3.20**	**0.934**
			3/31/2017	**540**	<1.8	**1.5**	<0.1	**1.84**	<0.2	**1.84**	**3.34**	**0.577**
			6/19/2017	**350**	**49**	**0.6**	<0.1	**0.617**	<0.2	**0.617**	**1.22**	**0.387**
			8/29/2017	**>1,600**	**130**	**0.2**	<0.1	**0.834**	<0.2	**0.834**	**1.03**	**0.156**
			12/28/2017	**1,600**	**70**	**0.7**	<0.1	<0.5	<0.2	<0.5	**0.700**	**0.174**
			4/13/2018	**>1,600**	**220**	**1.7**	<0.1	<0.5	<0.2	<0.5	**1.70**	**0.858**
			5/25/2018	**920**	**49**	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	**0.285**
			8/28/2018	**140**	**2.0**	<0.1	<0.1	**2.80**	<0.1	**2.80**	**2.80**	**0.491**
			11/6/2018	*NR*	*NR*	<0.5	<0.5	**1.40**	<0.1	**1.40**	**1.40**	**0.257**
			12/19/2018	**>2,400**	**41**	**3.17**	<0.1	**0.81**	<0.1	**0.81**	**3.98**	**0.903**
		L-002	9/25/2015	**920**	**49**	<0.1	<0.1	**1.83**	<0.2	**1.83**	**1.83**	**0.404**
			12/1/2015	**540**	**33**	<0.1	<0.1	**0.591**	<0.2	**0.591**	**0.591**	**0.226**
			3/18/2016	**280**	**49**	**0.6**	<0.1	**0.852**	<0.2	**0.852**	**1.45**	**0.379**
			6/16/2016	**33**	**2.0**	<0.1	<0.1	**0.964**	<0.2	**0.964**	**0.964**	<0.1
			9/23/2016	**14**	**4.5**	**0.1**	<0.1	**0.77**	<0.2	**0.77**	**0.870**	<0.1
			12/20/2016	**1,600**	**240**	**1.6**	<0.1	<0.5	<0.2	<0.5	**1.60**	**0.621**
			3/31/2017	**130**	**33**	**1.5**	<0.1	<0.5	<0.2	<0.5	**1.50**	**0.464**
			6/19/2017	**540**	**33**	**0.2**	<0.1	<0.5	<0.2	**0.604**	**0.804**	**0.459**
			8/29/2017	**>1,600**	**7.8**	<0.1	<0.1	**1.21**	<0.2	**1.21**	**1.21**	**0.161**
			12/28/2017	**240**	**33**	**0.2**	<0.1	<0.5	<0.2	<0.5	**0.200**	**0.056**
			4/13/2018	**>1,600**	**49**	**1.0**	<0.1	<0.5	<0.2	<0.5	**1.00**	**0.449**
			5/25/2018	**220**	**4.5**	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	**0.145**
			8/28/2018	**540**	<2.0	<0.1	<0.1	**3.40**	<0.1	**3.40**	**3.40**	**0.459**
			11/6/2018	*NR*	*NR*	<0.5	<0.5	**1.30**	<0.1	**1.30**	**1.30**	**0.308**
			12/19/2018	**>2,400**	**58**	**2.24**	<0.1	<0.5	<0.1	<0.4	**2.58**	**0.985**

Table 3
Surface Water Analytical Results

Location	Monitoring Depth	Sample ID	Sample Date	**Coliform Bacteria Analysis** (MPN/100 mL)		**Inorganic Analysis** (mg/L)						
				Total	Fecal	Nitrate Nitrogen	Nitrite Nitrogen	Total Organic Nitrogen	Ammonia Nitrogen	Total Kjeldahl Nitrogen	Total Nitrogen	Total Phosphorous
Malibu Lagoon and Creek	1 foot BSW	L-003	9/25/2015	**540**	**70**	<0.1	<0.1	**2.35**	<0.2	**2.35**	**2.35**	**0.379**
			12/1/2015	**240**	**17**	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	**0.213**
			3/18/2016	**240**	**23**	**0.6**	<0.1	**1.03**	<0.2	**1.03**	**1.63**	**0.397**
			6/16/2016	**79**	**4.0**	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	**0.139**
			9/23/2016	**23**	**4.5**	<0.1	<0.1	**1.21**	<0.2	**1.21**	**1.21**	<0.1
			12/20/2016	**220**	**31**	**2.7**	<0.1	<0.5	<0.2	<0.5	**2.70**	**0.984**
			3/31/2017	**70**	**23**	**1.2**	<0.1	**0.511**	<0.2	**0.511**	**1.71**	**0.446**
			6/19/2017	**220**	**17**	<0.1	<0.1	**0.714**	<0.2	**0.714**	**0.714**	**1.69**
			8/29/2017	**>1,600**	**33**	<0.1	<0.1	**0.898**	<0.2	**0.898**	**0.898**	**0.186**
			12/28/2017	**>1,600**	**13**	**0.08**	<0.1	**0.393**	<0.2	**0.393**	**0.473**	<0.1
			4/13/2018	**>1,600**	**79**	**0.6**	<0.1	**0.741**	<0.2	**0.741**	**1.34**	**0.373**
			5/25/2018	**110**	**79**	<0.1	<0.1	**0.906**	<0.2	**0.906**	**0.906**	**0.224**
			8/28/2018	**84**	**4.0**	<0.1	<0.1	**2.80**	<0.1	**2.80**	**2.80**	**0.353**
			11/6/2018	*NR*	*NR*	<0.5	<0.5	**1.20**	<0.1	**1.20**	**1.20**	**0.161**
			12/19/2018	**>2,400**	**150**	**2.18**	<0.1	**0.56**	**0.187**	**0.751**	**2.93**	**0.945**
		L-004	9/25/2015	**170**	**23**	<0.1	<0.1	**2.67**	<0.2	**2.67**	**2.67**	**0.266**
			12/1/2015	**170**	**130**	<0.1	<0.1	**0.583**	<0.2	**0.583**	**0.583**	**0.200**
			3/18/2016	**350**	**170**	**0.5**	<0.1	**0.798**	<0.2	**0.798**	**1.30**	**0.350**
			6/16/2016	**49**	**2.0**	<0.1	<0.1	**0.667**	<0.2	**0.667**	**0.667**	**0.114**
			9/23/2016	**17**	**4.5**	<0.1	<0.1	**0.627**	<0.2	**0.627**	**0.627**	<0.1
			12/20/2016	**540**	**79**	**2.4**	<0.1	<0.5	<0.2	<0.5	**2.40**	**0.833**
			3/31/2017	**540**	**170**	**0.4**	<0.1	**1.67**	<0.2	**1.67**	**2.07**	**0.394**
			6/19/2017	**540**	**350**	<0.1	<0.1	**1.06**	<0.2	**1.06**	**1.06**	**0.477**
			8/29/2017	**>1,600**	**49**	<0.1	<0.1	**0.653**	<0.2	**0.653**	**0.653**	**0.151**
			12/28/2017	**540**	**170**	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	<0.1
			4/13/2018	**1,600**	**130**	**1.0**	<0.1	<0.5	<0.2	<0.5	**1.00**	**0.548**
			5/25/2018	**94**	**33**	<0.1	<0.1	**0.729**	<0.2	**0.729**	**0.729**	**0.180**
			8/28/2018	**270**	**6.2**	<0.1	<0.1	**3.80**	<0.1	**3.80**	**3.80**	**0.396**
			11/6/2018	*NR*	*NR*	<5.0	<5.0	<0.5	<0.1	<0.4	<0.5	**0.085**
			12/19/2018	**>2,400**	**140**	**0.25**	<0.1	**0.75**	<0.1	**0.753**	**1.00**	**0.280**

Table 3
Surface Water Analytical Results

Location	Monitoring Depth	Sample ID	Sample Date	Coliform Bacteria Analysis (MPN/100 mL)		Inorganic Analysis (mg/L)						
				Total	Fecal	Nitrate Nitrogen	Nitrite Nitrogen	Total Organic Nitrogen	Ammonia Nitrogen	Total Kjeldahl Nitrogen	Total Nitrogen	Total Phosphorous
Malibu Lagoon and Creek	1 foot BSW	L-005	9/25/2015	**350**	**49**	<0.1	<0.1	**3.8**	<0.2	**3.8**	**3.80**	**0.372**
			12/1/2015	**350**	**49**	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	**0.123**
			3/18/2016	**540**	**350**	**1.6**	<0.1	**1.37**	<0.2	**1.37**	**2.97**	**0.661**
			6/16/2016	**26**	**6.8**	<0.1	<0.1	**1.16**	<0.2	**1.16**	**1.16**	**0.133**
			9/23/2016	**7.8**	**7.8**	<0.1	<0.1	<0.5	<0.2	**0.53**	**0.530**	<0.1
			12/20/2016	**350**	**49**	**2.5**	<0.1	<0.5	<0.2	<0.5	**2.50**	**0.865**
			3/31/2017	**170**	**22**	**0.2**	<0.1	<0.5	<0.2	<0.5	**0.200**	**0.104**
			6/19/2017	**240**	**240**	<0.1	<0.1	**0.976**	<0.2	**0.976**	**0.976**	**0.902**
			8/29/2017	**920**	**70**	<0.1	<0.1	**1.22**	<0.2	**1.22**	**1.22**	**0.135**
			12/28/2017	**>1,600**	**>1,600**	**0.7**	<0.1	**0.703**	<0.2	**0.703**	**1.40**	**0.191**
			4/13/2018	**>1,600**	**94**	**0.6**	<0.1	<0.5	<0.2	<0.5	**0.600**	**0.312**
			5/25/2018	**>1,600**	**>1,600**	<0.1	<0.1	**0.940**	<0.2	**0.940**	**0.940**	**0.411**
			8/28/2018	**100**	<2.0	<0.1	<0.1	**3.10**	<0.1	**3.10**	**3.10**	**0.432**
			11/6/2018	*NR*	*NR*	<5.0	<5.0	**1.40**	<0.1	**1.40**	**1.40**	**0.211**
			12/19/2018	**>2,400**	**180**	**1.81**	<0.1	<0.5	**0.116**	**0.567**	**2.38**	**0.883**
		L-006	9/25/2015	**170**	**170**	<0.1	<0.1	**3.59**	<0.2	**3.67**	**3.67**	**0.320**
			12/1/2015	**350**	**49**	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	**0.168**
			3/18/2016	**920**	**130**	**0.4**	<0.1	**1.46**	<0.2	**1.46**	**1.86**	**0.366**
			6/16/2016	**17**	**7.8**	<0.1	<0.1	**1.18**	<0.2	**1.18**	**1.18**	**0.172**
			9/23/2016	**7.8**	**7.8**	<0.1	<0.1	**1.24**	<0.2	**1.24**	**1.24**	<0.1
			12/20/2016	**130**	**14**	**0.3**	<0.1	<0.5	<0.2	<0.5	**0.300**	**0.287**
			3/31/2017	**540**	**11**	<0.1	<0.1	**13.6**	<0.2	**13.6**	**13.6**	**3.50**
			6/19/2017	**33**	**7.8**	<0.1	<0.1	**1.12**	<0.2	**1.12**	**1.12**	**0.714**
			8/29/2017	**1,600**	**26**	<0.1	<0.1	**1.76**	<0.2	**1.76**	**1.76**	**0.110**
			12/28/2017	**920**	**170**	<0.1	<0.1	**4.27**	<0.2	**4.27**	**4.27**	**0.333**
			4/13/2018	**>1,600**	**110**	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	**0.394**
			5/25/2018	**49**	**7.8**	<0.1	<0.1	<0.5	<0.2	<0.5	0.0	**0.177**
			8/28/2018	**210**	**28**	<0.1	<0.1	**2.80**	<0.1	**2.80**	**2.80**	**0.416**
			11/6/2018	*NR*	*NR*	<5.0	<5.0	**1.40**	<0.1	**1.40**	**1.40**	**0.179**
			12/19/2018	**>2,400**	**1,700**	**0.11**	<0.1	**1.80**	<0.1	**1.80**	**1.91**	**0.277**

Notes:
bold: Constituent detected above laboratory reporting limit
mg/L: milligrams per liter
MPN/100 mL: Most Probable Number per 100 milliliters
NR : Not reported due to poor quality of culture membrane during laboratory analysis
<: constituent not detected above the laboratory reporting limit
>: constituent detected above the laboratory upper detection limit

Table 4
Groundwater Analytical Results

			Coliform Bacteria Analysis (MPN/100mL)		**Inorganic Analysis** (mg/L)												
Well ID	**Well Depth (bgs)**	**Sample Date**	Total	Fecal	Nitrate as NO_3	Nitrate Nitrogen	Nitrite Nitrogen	Nitrate + Nitrite as N	Organic Nitrogen	Ammonia Nitrogen	Total Kjeldahl Nitrogen	Total Nitrogen	Phosphorous, Total	Boron	Sulfate	Total Dissolved Solids	Chloride
LAMW-5S	73 feet	9/29/2015	**350**	**4.5**	**32.8**	**7.40**	<0.1	**7.68**	**0.986**	<0.2	**1.07**	**8.75**	**14.7**	**0.314**	**156**	**769**	**103**
		3/15/2016	**>1,600**	**350**	-	**8.20**	<0.1	-	<0.5	<0.2	<0.5	**8.20**	**9.43**	-	-	**713**	-
		9/20/2016	<1.8	<1.8	**55.1**	**12.4**	<0.1	**12.4**	<0.5	<0.2	<0.5	**12.4**	**7.04**	**0.248**	**200**	**863**	**125**
		3/28/2017	**49**	<1.8	-	**13.6**	<0.1	-	<0.5	<0.2	<0.5	**13.6**	**5.24**	-	-	**696**	-
		9/14/2017	**>1,600**	**170**	**72.8**	**16.4**	<0.1	**16.4**	<0.5	<0.2	<0.5	**16.4**	**5.38**	**0.325**	**98.6**	**604**	**117**
		6/20/2018	**7.8**	<1.8	-	**13.3**	<0.1	-	<0.5	<0.2	<0.5	**13.3**	**2.00**	-	-	**618**	-
		8/22/2018	**160**	<2.0	-	**10.6**	<0.1	**10.6**	<0.5	<0.1	<0.4	**10.6**	**4.35**	**0.257**	**71.8**	**588**	**98.9**
		11/6/2018	*NR*	*NR*	-	**11.4**	<0.1	**11.4**	<0.5	<0.1	<0.4	**11.5**	**1.775**	**0.285**	**70.4**	**590**	**99.4**
		12/18/2018	**36**	**1.0**	**57.7**	**13.0**	<0.1	-	<0.5	**0.241**	<0.4	**13.0**	**1.170**	-	-	**536**	**98.9**
SMBRP-7B	25 feet	12/15/2015	**11**	<1.8	-	<0.1	<0.1	-	<0.5	<0.2	**0.552**	**0.552**	**0.478**	-	-	**3,090**	-
		3/15/2016	**110**	**11**	-	<0.1	<0.1	-	**1.37**	<0.2	**1.37**	**1.37**	**0.916**	-	-	**1,400**	-
		9/20/2016	<1.8	<1.8	-	<0.1	<0.1	-	<0.5	**0.215**	**0.618**	**0.618**	**0.445**	-	-	**3,920**	-
		3/28/2017	**4.5**	<1.8	-	**2.30**	<0.1	-	<0.5	<0.2	<0.5	**2.30**	**0.287**	-	-	**3,430**	-
		9/12/2017	<1.8	<1.8	-	**1.20**	<0.1	-	<0.5	<0.2	<0.5	**1.20**	**0.550**	-	-	**3,580**	-
		6/20/2018	**12**	<1.8	-	**0.200**	<0.1	-	<0.5	<0.2	<0.5	**0.200**	**0.224**	-	-	**3,480**	-
		8/22/2018	**74**	**58**	-	**0.57**	<0.1	**0.57**	<0.5	<0.1	<0.4	**0.57**	**0.802**	-	-	**2,330**	-
SMBRP-9	45 feet	12/15/2015	<1.8	<1.8	**78.8**	**17.8**	<0.1	**17.8**	<0.5	**0.331**	<0.5	**18.1**	**0.41**	**0.56**	**538**	**2,100**	**309**
		3/15/2016	<1.8	<1.8	-	**15.1**	<0.1	-	<0.5	<0.2	<0.5	**15.1**	**0.462**	-	-	**2,100**	-
		9/20/2016	**33**	<1.8	**84.5**	**19.1**	<0.1	**19.1**	<0.5	<0.2	<0.5	**19.1**	**0.272**	**0.649**	**342**	**1,940**	**213**
		3/28/2017	**9.3**	<1.8	-	**22.2**	<0.1	-	<0.5	<0.2	<0.5	**22.2**	**0.101**	-	-	**2,080**	-
		9/12/2017	**7.8**	<1.8	**73.3**	**16.6**	<0.1	**16.6**	<0.5	<0.2	<0.5	**16.6**	**0.125**	**0.602**	**380**	**1,800**	**230**
		6/20/2018	**110**	<1.8	-	**18.5**	<0.1	-	<0.5	<0.2	<0.5	**18.5**	**0.376**	-	-	**1,900**	-
		8/23/2018	**>4,800**	<2.0	-	**17.7**	<0.1	**17.7**	<0.5	<0.1	<0.4	**17.7**	**0.370**	**0.628**	**329**	**1,770**	**200**
		11/6/2018	*NR*	*NR*	-	**9.69**	<0.1	**9.69**	<0.5	<0.1	<0.4	**10.1**	**0.128**	**0.577**	**434**	**1,840**	**235**
		12/18/2018	**360**	<1.0	**12.4**	**2.80**	<0.1	-	<0.5	<0.1	<0.4	**2.80**	**0.068**	-	-	**1,350**	**141**
SMBRP-11	20 feet	6/22/2018	<1.8	<1.8	-	**14.9**	<0.1	-	<0.5	**1.75**	<0.5	**16.7**	**0.104**	-	-	**1,700**	-
		8/21/2018	<2.0	<2.0	-	**14.5**	<0.1	**14.5**	**0.700**	**0.911**	**1.60**	**16.1**	**0.097**	**0.586**	**320**	**1,610**	**292**
		11/6/2018	*NR*	*NR*	-	**16.5**	**0.73**	**17.2**	**0.800**	**1.38**	**2.20**	**19.4**	**0.085**	**0.652**	**378**	**1,570**	**323**
		12/18/2018	**>2,400**	**3.1**	**71.5**	**16.1**	**0.50**	-	<0.5	**1.34**	**1.80**	**18.4**	**0.031**	-	-	**1,510**	**326**

Table 4
Groundwater Analytical Results

			Coliform Bacteria Analysis (MPN/100mL)		**Inorganic Analysis** (mg/L)												
Well ID	**Well Depth (bgs)**	**Sample Date**	Total	Fecal	Nitrate as NO_3	Nitrate Nitrogen	Nitrite Nitrogen	Nitrate + Nitrite as N	Organic Nitrogen	Ammonia Nitrogen	Total Kjeldahl Nitrogen	Total Nitrogen	Phosphorous, Total	Boron	Sulfate	Total Dissolved Solids	Chloride
SMBRP-12	25 feet	12/16/2015	<1.8	<1.8	<0.4	<0.1	<0.1	<0.1	<0.5	**6.41**	**5.81**	**5.81**	**1.36**	**0.923**	**426**	**2,140**	**478**
		3/15/2016	<1.8	<1.8	-	<0.1	<0.1	-	**2.9**	**5.67**	**8.57**	**8.57**	**1.43**	-	-	**2,290**	-
		9/21/2016	<1.8	<1.8	**0.6**	**0.100**	<0.1	**0.128**	<0.5	**8.85**	**8.28**	**8.28**	**0.753**	**1.25**	**871**	**7,930**	**3,140**
		3/29/2017	**6.8**	<1.8	-	<0.1	<0.1	-	<0.5	**7.60**	**7.85**	**7.85**	**1.88**	-	-	**1,610**	-
		9/13/2017	<1.8	<1.8	<0.4	<0.1	<0.1	<0.1	<0.5	**5.65**	**2.76**	**2.76**	**1.37**	**0.91**	**508**	**1,950**	**482**
		6/20/2018	**2.0**	<1.8	-	**0.100**	<0.1	-	<0.5	**4.25**	**3.89**	**3.89**	**1.80**	-	-	**1,580**	-
		8/22/2018	**88**	<2.0	-	<0.1	<0.1	<0.1	<0.5	**4.99**	**5.40**	**5.40**	**1.00**	**0.874**	**397**	**1,850**	**523**
		11/6/2018	*NR*	*NR*	-	<0.1	<0.1	<0.1	<0.5	**4.44**	**3.40**	**3.46**	**0.972**	**0.823**	**482**	**1,820**	**491**
		12/18/2018	**11**	**2.0**	**0.47**	**0.11**	**0.96**	-	**0.520**	**4.88**	**5.40**	**6.47**	**1.290**	-	-	**1,990**	**543**
SMBRP-13	19 feet	12/15/2015	**4.5**	<1.8	-	<0.1	<0.1	-	<0.5	**0.200**	<0.5	**0.200**	**0.316**	-	-	**1,810**	-
		3/15/2016	<1.8	<1.8	-	<0.1	<0.1	-	**0.556**	**0.884**	**1.44**	**1.44**	**0.461**	-	-	**27,500**	-
		9/21/2016	<1.8	<1.8	-	**0.100**	<0.1	-	<0.5	<0.2	<0.5	**0.100**	<0.1	-	-	**3,320**	-
		3/29/2017	<1.8	<1.8	-	**0.500**	<0.1	-	<0.5	<0.2	<0.5	**0.500**	**1.61**	-	-	**4,620**	-
		9/13/2017	**2.0**	<1.8	-	<0.1	**0.1**	-	<0.5	**0.605**	<0.5	**0.705**	**0.283**	-	-	**6,850**	-
		6/22/2018	<1.8	<1.8	-	**0.200**	<0.1	-	<0.5	**0.316**	<0.5	**0.516**	**0.382**	-	-	**2,660**	-
		8/23/2018	**19**	<2.0	-	<0.1	<0.1	<0.1	<0.5	**0.222**	**0.532**	**0.532**	**0.314**	-	-	**3,200**	-
MBCMW-9	9 feet	9/23/2015	*Well dry at time of sampling*														
		3/16/2016	**7.8**	<1.8	-	<0.1	<0.1	-	**1.82**	<0.2	**1.82**	**1.82**	**2.26**	-	-	**6,080**	-
		9/21/2016	*Well dry at time of sampling*														
		3/28/2017	**11**	**4.5**	-	<0.1	<0.1	-	**1.22**	<0.2	**1.22**	**1.22**	**0.307**	-	-	**4,980**	-
		9/13/2017	*Well dry at time of sampling*														
		6/20/2018	**2.0**	<1.8	-	**0.200**	<0.1	-	**1.17**	<0.2	**1.17**	**1.37**	**0.356**	-	-	**7,290**	-
		8/23/2018	*Well dry at time of sampling*														
MCWP-MW04S	20 feet	9/28/2015	**17**	<1.8	<0.4	<0.1	<0.1	<0.1	**1.00**	<0.2	**1.00**	**1.26**	**0.516**	**2.09**	**3,440**	**6,510**	**480**
		12/15/2015	<1.8	<1.8	-	-	-	-	-	-	-	-	-	-	-	-	-
		3/16/2016	**1.8**	<1.8	-	**0.200**	<0.1	-	**1.60**	<0.2	**1.60**	**1.80**	**0.548**	-	-	**6,320**	-
		9/21/2016	<1.8	<1.8	**1.18**	**0.300**	<0.1	**0.300**	**0.600**	<0.2	**0.60**	**0.900**	**0.583**	**2.25**	**2,980**	**6,750**	**744**
		3/28/2017	**33**	<1.8	-	**2.00**	<0.1	-	**1.44**	<0.2	**1.44**	**3.44**	**0.417**	-	-	**6,360**	-
		9/13/2017	<1.8	<1.8	**3**	**0.700**	<0.1	**0.671**	<0.5	<0.2	<0.5	**0.671**	**0.449**	**2.11**	**2,880**	**6,380**	**791**
		6/20/2018	**2.0**	<1.8	-	**0.500**	<0.1	-	**0.800**	<0.2	**0.80**	**1.30**	**0.262**	-	-	**5,830**	-
		8/21/2018	**660**	<2.0	-	<0.1	<0.1	<0.1	**1.20**	<0.1	**1.20**	**1.28**	**0.242**	**1.92**	**2,760**	**6,530**	**723**
		11/6/2018	*NR*	*NR*	-	**0.21**	<0.1	**0.21**	**0.600**	<0.1	**0.585**	**0.80**	**0.149**	**1.88**	**3,050**	**5,820**	**663**
		12/18/2018	**>2,400**	<1.0	**2.38**	**0.54**	**1.58**	-	**0.700**	<0.1	**0.773**	**2.89**	**0.259**	-	-	**5,710**	**759**

Table 4
Groundwater Analytical Results

			Coliform Bacteria Analysis (MPN/100mL)		**Inorganic Analysis** (mg/L)												
Well ID	**Well Depth (bgs)**	**Sample Date**	Total	Fecal	Nitrate as NO_3	Nitrate Nitrogen	Nitrite Nitrogen	Nitrate + Nitrite as N	Organic Nitrogen	Ammonia Nitrogen	Total Kjeldahl Nitrogen	Total Nitrogen	Phosphorous, Total	Boron	Sulfate	Total Dissolved Solids	Chloride
MCWP-MW04D	148 feet	9/28/2015	**17**	<1.8	**6.44**	**1.50**	<0.1	**1.50**	<0.5	**0.117**	<0.5	**1.617**	**0.154**	**0.772**	**527**	**1,630**	**216**
		3/17/2016	<1.8	<1.8	-	**1.70**	<0.1	-	<0.5	<0.2	<0.5	**1.70**	<0.1	-	-	**1,600**	-
		9/22/2016	<1.8	<1.8	**8.63**	**1.90**	<0.1	**1.90**	<0.5	<0.2	<0.5	**1.90**	<0.1	**0.774**	**531**	**1,550**	**232**
		3/30/2017	**130**	<1.8	-	**0.800**	<0.1	-	<0.5	<0.2	<0.5	**0.800**	**0.795**	-	-	**232**	-
		9/15/2017	<1.8	<1.8	**8.05**	**1.80**	<0.1	**1.80**	<0.5	<0.2	<0.5	**1.80**	**0.123**	**0.866**	**554**	**1,600**	**250**
		6/21/2018	<1.8	<1.8	-	**1.70**	<0.1	-	<0.5	<0.2	<0.5	**1.70**	<0.1	-	-	**1,570**	-
		8/23/2018	<2.0	<2.0	-	**1.66**	<0.1	**1.66**	<0.5	<0.1	<0.4	**1.66**	**0.140**	**0.846**	**539**	**1,610**	**238**
		11/7/2018	*NR*	*NR*	-	**2.44**	<2.0	**2.44**	<0.5	<0.1	<0.4	**2.44**	**0.056**	**0.793**	**560**	**1,650**	**262**
		12/19/2018	**190**	**1.0**	-	**1.84**	<0.1	**1.84**	<0.5	<0.1	<0.4	**2.09**	**0.296**	-	-	**1,170**	-
MCWP-MW05	154 feet	9/23/2015	-	-	-	**2.30**	-	-	-	-	-	**2.30**	-	-	-	**1,400**	-
		3/17/2016	-	-	-	**2.10**	-	-	-	-	-	**2.10**	-	-	-	**1,400**	-
		9/22/2016	-	-	-	**2.20**	-	-	-	-	-	**2.20**	-	-	-	**1,450**	-
		3/29/2017	-	-	-	**2.40**	-	-	-	-	-	**2.40**	-	-	-	**171**	-
		9/15/2017	-	-	-	**2.40**	-	-	-	-	-	**2.40**	-	-	-	**1,410**	-
		6/21/2018	-	-	-	**2.10**	-	-	-	-	-	**2.10**	-	-	-	**1,400**	-
		8/24/2018	**310**	<2.0	-	**1.04**	<0.1	**1.04**	<0.5	<0.1	<0.4	**1.04**	**0.305**	-	-	**2,700**	-
MCWP-MW06	138 feet	9/23/2015	-	-	-	**0.20**	-	-	-	-	-	**0.200**	-	-	-	**1,590**	-
		3/16/2016	-	-	-	**0.100**	-	-	-	-	-	**0.100**	-	-	-	**1,520**	-
		9/21/2016	-	-	-	<0.1	-	-	-	-	-	0.0	-	-	-	**1,550**	-
		3/28/2017	-	-	-	**3.60**	-	-	-	-	-	**3.60**	-	-	-	**383**	-
		9/14/2017	-	-	-	<0.1	-	-	-	-	-	0.0	-	-	-	**1,630**	-
		6/20/2018	-	-	-	**0.20**	-	-	-	-	-	**0.200**	-	-	-	**1,770**	-
		8/23/2018	<2.0	<2.0	-	<0.1	<0.1	<0.1	<0.5	**0.222**	**0.592**	**0.592**	**0.404**	-	-	**1,740**	-
MCWP-MW07S	20 feet	9/22/2015	**4.5**	<1.8	**28.8**	**6.50**	<0.1	**6.50**	<0.5	<0.2	<0.5	**6.71**	**0.451**	**0.41**	**294**	**1,230**	**227**
		3/16/2016	**49**	<1.8	-	**4.80**	**0.24**	-	<0.5	<0.2	<0.5	**5.04**	**2.39**	-	-	**1,180**	-
		9/20/2016	<1.8	<1.8	**22.8**	**5.20**	<0.1	**5.20**	<0.5	<0.2	<0.5	**5.20**	**0.545**	**0.39**	**234**	**1,160**	**217**
		3/30/2017	*Well not accessible at time of sampling*														
		9/12/2017	<1.8	<1.8	**22**	**5.00**	<0.1	**5.00**	<0.5	<0.2	<0.5	**5.00**	**0.214**	**0.387**	**268**	**1,150**	**201**
		6/20/2018	**24**	<1.8	-	**3.20**	<0.1	-	**0.566**	<0.2	**0.683**	**3.88**	**0.525**	-	-	**1,150**	-
		8/21/2018	**32**	<2.0	-	**3.95**	<0.1	**3.95**	<0.5	<0.1	**0.447**	**4.40**	**0.529**	**0.344**	**248**	**1,210**	**209**
		11/7/2018	*NR*	*NR*	-	**4.48**	<2.0	**4.48**	<0.5	<0.1	<0.4	**4.83**	**0.296**	**0.365**	**271**	**1,120**	**206**
		12/18/2018	**>2,400**	**3.0**	**17.1**	**3.87**	**0.40**	-	<0.5	<0.1	<0.4	**4.53**	<0.02	-	-	**1,120**	**205**

Table 4
Groundwater Analytical Results

			Coliform Bacteria Analysis (MPN/100mL)		**Inorganic Analysis** (mg/L)												
Well ID	**Well Depth (bgs)**	**Sample Date**	Total	Fecal	Nitrate as NO_3	Nitrate Nitrogen	Nitrite Nitrogen	Nitrate + Nitrite as N	Organic Nitrogen	Ammonia Nitrogen	Total Kjeldahl Nitrogen	Total Nitrogen	Phosphorous, Total	Boron	Sulfate	Total Dissolved Solids	Chloride
MCWP-MW07D	130 feet	9/22/2015	<1.8	<1.8	<0.4	<0.1	<0.1	<0.1	<0.5	**0.23**	<0.5	**0.524**	**0.318**	**0.476**	**1,010**	**2,300**	**348**
		3/16/2016	<1.8	<1.8	-	<0.1	<0.1	-	**1.15**	<0.2	**1.15**	**1.15**	**0.239**	-	-	**2,470**	-
		9/22/2016	<1.8	<1.8	<0.4	<0.1	<0.1	<0.1	<0.5	**0.283**	<0.5	<0.5	**0.125**	**0.412**	**474**	**1,680**	**229**
		3/30/2017	*Well not accessible at time of sampling*														
		9/15/2017	**13**	<1.8	<0.4	<0.1	<0.1	<0.1	<0.5	**0.168**	<0.5	<0.5	**0.181**	**0.465**	**600**	**1,860**	**262**
		6/21/2018	**4.5**	<1.8	-	**2.00**	<0.1	-	<0.5	<0.2	<0.5	**2.00**	<0.1	-	-	**477**	-
		8/21/2018	**4.0**	<2.0	-	**0.18**	<0.1	**0.18**	<0.5	<0.1	**0.461**	**0.64**	**0.228**	**0.548**	**1,130**	**3,070**	**387**
		11/7/2018	*NR*	*NR*	-	<2.0	<2.0	<2.0	<0.5	<0.1	**0.402**	**0.40**	**0.132**	**0.431**	**683**	**1,930**	**309**
		12/18/2018	**>2,400**	**140**	**4.35**	**0.98**	**0.11**	-	<0.5	<0.1	<0.4	**1.22**	**0.274**	-	-	**134**	**26.5**
MCWP-MW09	95 feet	12/16/2015	<1.8	<1.8	<0.4	<0.1	<0.1	<0.1	<0.5	<0.2	**1.41**	**1.41**	**0.218**	**0.74**	**590**	**2,570**	**723**
		3/15/2016	<1.8	<1.8	-	<0.1	<0.1	-	**0.840**	**2.36**	**3.20**	**3.20**	**0.355**	-	-	**2,410**	-
		9/21/2016	<1.8	<1.8	<0.4	<0.1	<2	<0.1	<0.5	**4.18**	**3.88**	**3.88**	<0.1	**0.972**	**807**	**4,920**	**1,740**
		3/29/2017	**13**	**7.8**	-	**1.40**	<0.1	-	**0.583**	<0.2	**0.731**	**2.13**	**0.336**	-	-	**1,070**	-
		9/13/2017	**2**	<1.8	<0.4	<0.1	<0.1	<0.1	<0.5	**2.8**	**1.45**	**1.48**	**0.314**	**0.853**	**655**	**3,080**	**1,090**
		6/20/2018	**9.3**	<1.8	-	**0.100**	<0.1	-	<0.5	**3.19**	**1.51**	**1.61**	**0.139**	-	-	**2,460**	-
		8/22/2018	<2.0	<2.0	-	<0.1	<0.1	<0.1	<0.5	**2.32**	**2.20**	**2.20**	**0.372**	**0.808**	**620**	**2,280**	**703**
		11/6/2018	*NR*	*NR*	-	<0.1	<0.1	<0.1	<0.5	<0.1	<0.4	**0.34**	**0.302**	**0.689**	**475**	**1,740**	**479**
		12/18/2018	**1,100**	**4.1**	**4.13**	**0.93**	**1.14**	-	<0.5	**0.306**	<0.4	**2.46**	**0.237**	-	-	**1,800**	**457**
MCWP-MW10	22 feet	9/29/2015	**2.0**	<1.8	-	**0.400**	-	-	<1	<0.2	<1	**0.400**	<0.1	-	-	**1,550**	-
		3/15/2016	**2.0**	<1.8	-	**0.600**	<0.1	-	**1.28**	<0.2	**1.28**	**1.88**	<0.1	-	-	**1,800**	-
		9/20/2016	<1.8	<1.8	-	**0.700**	<0.1	-	<0.5	<0.2	<0.5	**0.700**	<0.1	-	-	**1,730**	-
		3/29/2017	<1.8	<1.8	-	**1.00**	<0.1	-	<0.5	<0.2	<0.5	**1.00**	<0.1	-	-	**1,990**	-
		9/14/2017	**17**	<1.8	-	<0.1	<0.1	-	<0.5	<0.2	<0.5	0.0	<0.1	-	-	**6,720**	-
		6/22/2018	<1.8	<1.8	-	**0.400**	<0.1	-	<0.5	<0.2	<0.5	**0.400**	**1.56**	-	-	**1,990**	-
		8/24/2018	<2.0	<2.0	-	<0.1	<0.1	<0.1	<0.5	<0.1	<0.4	0.0	**0.108**	-	-	**3,790**	-
TY-MW-1	41 feet	12/15/2015	<1.8	<1.8	<0.4	<0.1	<0.1	<0.1	<0.5	**1.09**	**0.613**	**0.703**	**0.416**	**0.272**	**658**	**2,170**	**410**
		3/16/2016	<1.8	<1.8	-	<0.1	<0.1	-	**1.03**	**0.433**	**1.46**	**1.46**	**0.758**	-	-	**2,160**	-
		9/21/2016	<1.8	<1.8	**0.218**	<0.1	<0.1	<0.1	<0.5	**0.432**	<0.5	**0.516**	**1.64**	**0.286**	**610**	**2,290**	**396**
		3/29/2017	**4.5**	<1.8	-	**0.100**	<0.1	-	**3.38**	**0.310**	**3.69**	**3.79**	**6.08**	-	-	**2,140**	-
		9/14/2017	*Well not accessible at time of sampling*														
		6/20/2018	*Well replaced by SMBRP-11 for quarterly groundwater sampling*														

Table 4
Groundwater Analytical Results

			Coliform Bacteria Analysis (MPN/100mL)		**Inorganic Analysis** (mg/L)												
Well ID	**Well Depth (bgs)**	**Sample Date**	Total	Fecal	Nitrate as NO_3	Nitrate Nitrogen	Nitrite Nitrogen	Nitrate + Nitrite as N	Organic Nitrogen	Ammonia Nitrogen	Total Kjeldahl Nitrogen	Total Nitrogen	Phosphorous, Total	Boron	Sulfate	Total Dissolved Solids	Chloride
CCPE	52 feet	9/23/2015	**>1,600**	**49**	-	**1.40**	-	-	<1	<0.2	<1	**1.40**	<0.1	-	-	**1,630**	-
		3/15/2016	**240**	**4.5**	-	**0.900**	<0.1	-	**0.664**	<0.2	**0.664**	**1.56**	<0.1	-	-	**1,800**	-
		9/20/2016	**540**	<1.8	-	**0.900**	<0.1	-	<0.5	<0.2	<0.5	**0.900**	<0.1	-	-	**2,880**	-
		3/28/2017	**>1,600**	**350**	-	**0.600**	<0.1	-	**3.60**	**1.11**	**4.71**	**5.31**	**0.932**	-	-	**968**	-
		9/13/2017	**17**	<1.8	-	<0.1	<0.1	-	<0.5	<0.2	<0.5	0.0	**0.179**	-	-	**7,700**	-
		6/22/2018	**4.5**	<1.8	-	**1.60**	<0.1	-	**1.01**	<0.2	**1.01**	**2.61**	**0.683**	-	-	**690**	-
		8/24/2018	<2.0	<2.0	-	**2.00**	<0.1	**2.00**	<0.5	<0.1	<0.4	**2.00**	**0.194**	-	-	**1,380**	-

Notes:
bgs: Below ground surface
bold: Constituent detected above Reporting Detection Limit (RDL)
mg/L: Milligrams per liter
MPN/100mL: Most Probable Number per 100 milliliter
NR : Not reported due to poor quality of culture membrane during laboratory analysis
<: Below the laboratory reporting limit
>: Constituent detected above the laboratory upper detection limit
- : Not reported

Appendix A

Groundwater and Surface Water Field Sheets

Table 1

Groundwater Monitoring Well Construction

	Well ID	Total Well Depth (ft bTOC)	Well Diameter (in)	TOC Elevation (ft amsl)	Depth to Water 1/22/2018	Time	Depth to Water 8/24/2015 (ft bTOC)
1	C-1	14.5	n/a	11.47	6.73	1122	n/a
2	C-2	14.5	2	11.19	6.68	1125	5.11
3	CCPE	20	2	12.935	10.67	937	5.76
4	CCPNE		2	13.675	8.53	932	6.44
5	CCPSW		2	13.67	8.15	929	6.29
6	CCW-4		1	15.765	6.04	840	6.5
7	GH6-M1	35	2		27.83	1015	28.92
8	GH8-M3	40	2		27.44	1020	28.37
9	GH9-M4	45	2		29.23	1022	30.31
10	Lagoon		n/a		N/A	—	n/a
11	LAMW-5S	20	4	104.55	53.85	816	53.71
12	M6-1	45	2		6.79	1032	6.61
13	M6-2	20	2		4.98	1035	5.76
14	M7-1	40	2		7.95	1007	8.09
15	M7-2	25	2		7.43	1005	7.78
16	MBCMW-5	19.4	n/a	29.03	N/A	—	n/a
17	MBCMW-6	64.26	n/a	29.02	N/A	—	n/a
18	MBCMW-7	52.5	2	16.635	11.74	820	11.26
19	MBCMW-8	10	2	16.53	8.25	822	9.11
20	MBCMW-9	10	2	17.71	7.39	850	8.7
21	MBCMW-10	53	2	17.74	9.10	851	8.63
22	MCWP-MW01	148	6		10.70	952	10.22
23	MCWP-MW02	145	6	18.06	10.95	915	10.39
24	MCWP-MW03	134	6		8.14	1040	7.65
25	MCWP-MW04D	148	4		9.84	950	9.35
26	MCWP-MW04S	20	4		6.86	949	7.55
27	MCWP-MW05	158	4		8.04	1136	7.62

28	MCWP-MW06	153	2		[redacted] 10.34	914	9.87
29	MCWP-MW07D	134	2		[redacted] 8.02	1034	7.51
30	MCWP-MW07S	20	2		[redacted] 5.92	1039	6.76
31	MCWP-MW08	77	2		[redacted] 8.73	1058	7.64
32	MCWP-MW09	95	2	16.3	[redacted] 6.31	1050	7.52
33	MCWP-MW10	60	2		7.99	1115	5.7
34	P-4	12.5	4	12.155	6.84	924	4.58
35	P-9	14.3	4	12.165	7.44	925	5.07
36	SMBRP-2	25	2	13.131	8.53	919	6.04
37	SMBRP-6	25	2	26.875	14.78	908	16.49
38	SMBRP-7b	45	2	18.985	11.18	845	10.69
39	SMBRP-8 (EG-RC	60	4		27.44	805	28.74
40	SMBRP-9	45	2	50.32	36.94	800	38.24
41	SMBRP-10C	25	2	16.25	6.82	810	7.37
42	SMBRP-11	20	2	18.35	9.54	1044	8.88
43	SMBRP-12	25	2	12.615	7.17	1051	5.69
44	SMBRP-13	20	2	13.58	8.46	1055	8.32
45	SMBRP-15b	25	1	16.765	DRY ~~7.9~~ TD=7.91	1101	dry, recorded depth 8.77
46	SMBRP-16	25	2	14.5	8.25	836	4.95

Table 1

Groundwater Monitoring Well Construction

	Well ID	Total Well Depth (ft bTOC)	Well Diameter (in)	TOC Elevation (ft amsl)	Depth to Water 2/14/2018	Time	Depth to Water 8/24/2015 (ft bTOC)
1	C-1	14.5	n/a	11.47	6.42	1220	n/a
2	C-2	14.5	2	11.19	6.29	1218	5.11
3	CCPE	20	2	12.935	7.50	0935	5.76
4	CCPNE		2	13.675	8.13	0938	6.44
5	CCPSW		2	13.67	8.05	0942	6.29
6	CCW-4		1	15.765	6.04	1058	6.5
7	GH6-M1	35	2		27.98	1041	28.92
8	GH8-M3	40	2		27.55	1040	28.37
9	GH9-M4	45	2		29.73	1039	30.31
10	Lagoon		n/a		N/A		n/a
11	LAMW-5S	20	4	104.55	54.38	858	53.71
12	M6-1	45	2		6.93	1048	6.61
13	M6-2	20	2		5.40	1049	5.76
14	M7-1	40	2		7.96	1029	8.09
15	M7-2	25	2		7.47	1027	7.78
16	MBCMW-5	19.4	n/a	29.03	N/A		n/a
17	MBCMW-6	64.26	n/a	29.02	N/A		n/a
18	MBCMW-7	52.5	2	16.635	11.39	1017	11.26
19	MBCMW-8	10	2	16.53	8.61	1018	9.11
20	MBCMW-9	10	2	17.71	9.03	1110	8.7
21	MBCMW-10	53	2	17.74	7.70	1112	8.63
22	MCWP-MW01	148	6		10.49	1000	10.22
23	MCWP-MW02	145	6	18.06	10.71	0947	10.39
24	MCWP-MW03	134	6	15.30	~~10.49~~ 8.47	~~1000~~ 1127	7.65
25	MCWP-MW04D	148	4		9.59	0957	9.35
26	MCWP-MW04S	20	4		7.32	0956	7.55
27	MCWP-MW05	158	4		8.10	1108	7.62

28	MCWP-MW06	153	2		10.19	0949	9.87
29	MCWP-MW07D	134	2		8.30	1124	7.51
30	MCWP-MW07S	20	2		6.23	1125	6.76
31	MCWP-MW08	77	2		~~8.47~~ 7.85	~~1127~~ 1148	7.64
32	MCWP-MW09	95	2	16.3	7.30	1139	7.52
33	MCWP-MW10	60	2		7.73		5.7
34	P-4	12.5	4	12.155	7.22	0928	4.58
35	P-9	14.3	4	12.165	7.15	0931	5.07
36	SMBRP-2	25	2	13.131	8.60	0920	6.04
37	SMBRP-6	25	2	26.875	14.89	0911	16.49
38	SMBRP-7b	45	2	18.985	11.19	1100	10.69
39	SMBRP-8 (EG-RC	60	4		27.52	0842	28.74
40	SMBRP-9	45	2	50.32	37.01	0835	38.24
41	SMBRP-10C	25	2	16.25	6.95	0852	7.37
42	SMBRP-11	20	2	18.35	8.90	1133	8.88
43	SMBRP-12	25	2	12.615	6.36	1140	5.69
44	SMBRP-13	20	2	13.58	7.85	1147	8.32
45	SMBRP-15b	25	1	16.765	DRY (7.54)	1153	dry, recorded depth 8.77
46	SMBRP-16	25	2	14.5	4.83	1014	4.95

Table 1

Groundwater Monitoring Well Construction

	Well ID	Total Well Depth (ft bTOC)	Well Diameter (in)	TOC Elevation (ft amsl)	Depth to Water 3/19/2018	Time	Depth to Water 8/24/2015 (ft bTOC)
1	C-1	14.5	n/a	11.47	6.86 ~~N/A~~	1420 —	n/a
2	C-2	14.5	2	11.19	6.57 ~~N/A~~	1425 —	5.11
3	CCPE	20	2	12.935	8.06	1225	5.76
4	CCPNE		2	13.675	8.52	1230	6.44
5	CCPSW		2	13.67	8.15	1234	6.29
6	CCW-4		1	15.765	5.45	1140	6.5
7	GH6-M1	35	2		29.10	1333	28.92
8	GH8-M3	40	2		27.65	1332	28.37
9	GH9-M4	45	2		29.62	1330	30.31
10	Lagoon		n/a		N/A	—	n/a
11	LAMW-5S	20	4	104.55	54.57	1120	53.71
12	M6-1	45	2		6.36	1336	6.61
13	M6-2	20	2		4.26	1339	5.76
14	M7-1	40	2		7.18	1322	8.09
15	M7-2	25	2		6.40	1321	7.78
16	MBCMW-5	19.4	n/a	29.03	N/A	—	n/a
17	MBCMW-6	64.26	n/a	29.02	N/A	—	n/a
18	MBCMW-7	52.5	2	16.635	11.45	1131	11.26
19	MBCMW-8	10	2	16.53	7.51	1130	9.11
20	MBCMW-9	10	2	17.71	7.06	1143	8.7
21	MBCMW-10	53	2	17.74	8.61	1145	8.63
22	MCWP-MW01	148	6		10.33	1251	10.22
23	MCWP-MW02	145	6	18.06	10.64	1238	10.39
24	MCWP-MW03	134	6		8.12	1300	7.65
25	MCWP-MW04D	148	4		9.56	1250	9.35
26	MCWP-MW04S	20	4		6.05	1248	7.55
27	MCWP-MW05	158	4		7.74	1148	7.62

28	MCWP-MW06	153	2		9.86	1240	9.87
29	MCWP-MW07D	134	2		7.93	1256	7.51
30	MCWP-MW07S	20	2		6.05	1255	6.76
31	MCWP-MW08	77	2		8.34	1402	7.64
32	MCWP-MW09	95	2	16.3	7.71	1356	7.52
33	MCWP-MW10	60	2		8.12	1430	5.7
34	P-4	12.5	4	12.155	6.95	1219	4.58
35	P-9	14.3	4	12.165	7.53	1222	5.07
36	SMBRP-2	25	2	13.131	8.70	1215	6.04
37	SMBRP-6	25	2	26.875	14.32	1205	16.49
38	SMBRP-7b	45	2	18.985	10.75	1155	10.69
39	SMBRP-8 (EG-RC	60	4		27.34	1105	28.74
40	SMBRP-9	45	2	50.32	36.35	1058	38.24
41	SMBRP-10C	25	2	16.25	5.71	1115	7.37
42	SMBRP-11	20	2	18.35	8.62	1304	8.88
43	SMBRP-12	25	2	12.615	6.32	1355	5.69
44	SMBRP-13	20	2	13.58	8.53	1404	8.32
45	SMBRP-15b	25	1	16.765	DRY — TD=8.44	1407	dry, recorded depth 8.77
46	SMBRP-16	25	2	14.5	8.45	1134	4.95

Table 1

Groundwater Monitoring Well Construction

	Well ID	Total Well Depth (ft bTOC)	Well Diameter (in)	TOC Elevation (ft amsl)	Depth to Water 4/23/2018	Time	Depth to Water 8/24/2015 (ft bTOC)
1	C-1	14.5	n/a	11.47	6.10	1230	n/a
2	C-2	14.5	2	11.19	6.01	1234	5.11
3	CCPE	20	2	12.935	6.24	1012	5.76
4	CCPNE		2	13.675	7.97	1015	6.44
5	CCPSW		2	13.67	7.63	1019	6.29
6	CCW-4		1	15.765	5.40	0924	6.5
7	GH6-M1	35	2		27.76	1115	28.92
8	GH8-M3	40	2		27.14	1118	28.37
9	GH9-M4	45	2		29.12	1120	30.31
10	Lagoon		n/a		—	—	n/a
11	LAMW-5S	20	4	104.55	54.20	0915	53.71
12	M6-1	45	2		6.70	1105	6.61
13	M6-2	20	2		4.65	1110	5.76
14	M7-1	40	2		7.41	1109	8.09
15	M7-2	25	2		6.75	1102	7.78
16	MBCMW-5	19.4	n/a	29.03	—	—	n/a
17	MBCMW-6	64.26	n/a	29.02	—	—	n/a
18	MBCMW-7	52.5	2	16.635	11.51	0920	11.26
19	MBCMW-8	10	2	16.53	7.51	0919	9.11
20	MBCMW-9	10	2	17.71	9.20	0932	8.7
21	MBCMW-10	53	2	17.74	6.79	0934	8.63
22	MCWP-MW01	148	6		11.19	1043	10.22
23	MCWP-MW02	145	6	18.06	11.09	1035	10.39
24	MCWP-MW03	134	6		9.21	1048	7.65
25	MCWP-MW04D	148	4		10.41	1042	9.35
26	MCWP-MW04S	20	4		6.05	1040	7.55
27	MCWP-MW05	158	4		8.18	0927	7.62
28	MCWP-MW06	153	2		10.67	1037	9.87

28	MCWP-MW06	153	2		10.67	1027	9.87
29	MCWP-MW07D	134	2		9.07	1049	7.51
30	MCWP-MW07S	20	2		6.15	1050	6.76
31	MCWP-MW08	77	2		8.47	1158	7.64
32	MCWP-MW09	95	2	16.3	~~9.20~~ 6.90	~~0932~~ 1154	7.52
33	MCWP-MW10	60	2		~~6.79~~ 7.25	~~0934~~ 1240	5.7
34	P-4	12.5	4	12.155	6.15	1008	4.58
35	P-9	14.3	4	12.165	6.60	1009	5.07
36	SMBRP-2	25	2	13.131	7.79	1004	6.04
37	SMBRP-6	25	2	26.875	15.10	0955	16.49
38	SMBRP-7b	45	2	18.985	10.81	0929	10.69
39	SMBRP-8 (EG-RC	60	4		26.68	0900	28.74
40	SMBRP-9	45	2	50.32	36.37	0855	38.24
41	SMBRP-10C	25	2	16.25	5.91	0905	7.37
42	SMBRP-11	20	2	18.35	8.95	1053	8.88
43	SMBRP-12	25	2	12.615	9.01	1155	5.69
44	SMBRP-13	20	2	13.58	8.40	1200	8.32
45	SMBRP-15b	25	1	16.765	DRY	1204	dry, recorded depth ~~8.77~~ 8.30
46	SMBRP-16	25	2	14.5	3.72	0918	4.95

Table 1

Groundwater Monitoring Well Construction

	Well ID	Total Well Depth (ft bTOC)	Well Diameter (in)	TOC Elevation (ft amsl)	Depth to Water 5/10/2018	Time	Depth to Water 8/24/2015 (ft bTOC)
1	C-1	14.5	4	11.47	4.90	1213	n/a
2	C-2	14.5	4	11.19	4.84	1216	5.11
3	CCPE	20	2	12.935	5.86	0940	5.76
4	CCPNE		2	13.675	6.54	0945	6.44
5	CCPSW		2	13.67	6.36	0954	6.29
6	CCW-4		1	15.765	5.44	0850	6.5
7	GH6-M1	35	2		27.65	1111	28.92
8	GH8-M3	40	2		27.08	1112	28.37
9	GH9-M4	45	2		29.07	1114	30.31
10	Lagoon		n/a		N/A	—	n/a
11	LAMW-5S	20	4	104.55	54.59	0940	53.71
12	M6-1	45	2		6.20	1102	6.61
13	M6-2	20	2		4.56	1103	5.76
14	M7-1	40	2		7.30	1054	8.09
15	M7-2	25	2		6.64	1053	7.78
16	MBCMW-5	19.4	n/a	29.03	N/A	—	n/a
17	MBCMW-6	64.26	n/a	29.02	N/A	—	n/a
18	MBCMW-7	52.5	2	16.635	10.93	0823	11.26
19	MBCMW-8	10	2	16.53	7.39	0824	9.11
20	MBCMW-9	10	2	17.71	6.79	0902	8.7
21	MBCMW-10	53	2	17.74	8.29	0903	8.63
22	MCWP-MW01	148	6		10.26	1043	10.22
23	MCWP-MW02	145	6	18.06	10.16	1010	10.39
24	MCWP-MW03	134	6		8.10	1021	7.65
25	MCWP-MW04D	148	4		9.49	1042	9.35
26	MCWP-MW04S	20	4		6.20	1041	7.55
27	MCWP-MW05	158	4		7.36	0905	7.62
28	MCWP-MW06	153	2		9.67	1008	9.87
29	MCWP-MW07D	134	2		7.98	1019	7.51
30	MCWP-MW07S	20	2		6.23	1018	6.76
31	MCWP-MW08	77	2		7.61	1137	7.64
32	MCWP-MW09	95	2	16.3	6.04	1124	7.52
33	MCWP-MW10	60	2		5.86	1230	5.7
34	P-4	12.5	4	12.155	4.75	0935	4.58
35	P-9	14.3	4	12.165	5.15	0936	5.07
36	SMBRP-2	25	2	13.131	6.18	0928	6.04
37	SMBRP-6	25	2	26.875	15.21	0914	16.49
38	SMBRP-7b	45	2	18.985	10.53	0956	10.69
39	SMBRP-8 (EG-RC	60	4		27.02	0758	28.74
40	SMBRP-9	45	2	50.32	36.65	0750	38.24
41	SMBRP-10C	25	2	16.25	6.07	0835	7.37
42	SMBRP-11	20	2	18.35	9.04	1029	8.88
43	SMBRP-12	25	2	12.615	8.05	1125	5.69
44	SMBRP-13	20	2	13.58	~~7.6~~ 9.09	1136	8.32
45	SMBRP-15b *	25	1	16.765	DRY	1205	TD = 8.30
46	SMBRP-16	25	2	14.5	3.85	0827	4.95

*Dry, recorded depth 8.77

Malibu Civic Center Quartly Surface Water Sampling
Field Data Sheet 15-01538

Date: 5/25/18 Sampled By: JM / JP

Jan-Mar (Apr-Jun) July-Sep Oct-Dec (Circle appropriate)

Estuary (Circle appropriate)
Berm: open / closed

General Weather Conditions
partly cloudy
30% cloud cover

General Wind Conditions
≥5 North Northwest lagoon / >5 North beach

Daily Tides: **Low** Time: 1200 Feet: **High** Time: Feet:

Location	Time	Sea State	Water Clarity	Water Color	Odors	Floatables	Birds/ wildlife	Photos Taken
		calm	clear	clear	none	none	Type & # land, # water	Y/N
		rough	cloudy	red	rotten eggs	sheen		
			muddy	brown	sewage	oily		
			milky	yellow	chlorine	garbage		
				gray	ammonia	sewage		
N-001	1230	wind chop/ rough	clear	clear	none	none	∅	Y
N-002	1215	~~wind chop calm~~/ rough	clear	clear	none	~~algae~~	∅	Y
N-003	1155	~~wind chop calm~~/ rough	clear	clear	none	none	∅	Y
N-004	1330	wind chop/ rough	clear	clear	none	none	∅	Y
L-001	1045	N/A	cloudy	clear	rotten eggs	none	Bullfrog	Y
L-002	1020	N/A	cloudy	clear	none	none	∅	Y
L-003	1105	N/A	cloudy	clear	(little) rotten eggs	none	∅	Y
L-004	1120	N/A	cloudy	clear	none	none	terns ∅	Y
L-005	1300	calm	cloudy	clear/ yellow	none	wood debri/ foam	∅	Y
L-006	1145	N/A	cloudy	clear/ yellow	none	none	∅	Y

Table 1

Groundwater Monitoring Well Construction

	Well ID	Total Well Depth (ft bTOC)	Well Diameter (in)	TOC Elevation (ft amsl)	Depth to Water 6/19/2018	Time	Depth to Water 8/24/2015 (ft bTOC)	TOTAL DEPTH
1	C-1	14.5	n/a	11.47	4.05	0918	n/a	
2	C-2	14.5	2	11.19	3.91	0920	5.11	
3	CCPE	20	2	12.935	4.96	0858	5.76	52.25
4	CCPNE		2	13.675	5.69	0901	6.44	
5	CCPSW		2	13.67	5.51	0848	6.29	
6	CCW-4		1	15.765	5.67	0750	6.5	
7	GH6-M1	35	2		27.72	1038	28.92	
8	GH8-M3	40	2		27.13	1034	28.37	
9	GH9-M4	45	2		29.09	1031	30.31	
10	Lagoon		n/a				n/a	
11	LAMW-5S	20	4	104.55	54.60	1121	53.71	73.95
12	M6-1	45	2		5.03	1044	6.61	
13	M6-2	20	2		6.20	1044	5.76	
14	M7-1	40	2		7.37	1026	8.09	
15	M7-2	25	2		6.98	1026	7.78	
16	MBCMW-5	19.4	n/a	29.03	—	—	n/a	
17	MBCMW-6	64.26	n/a	29.02	—	—	n/a	
18	MBCMW-7	52.5	2	16.635	10.76	0743	11.26	
19	MBCMW-8	10	2	16.53	8.40	0744	9.11	
20	MBCMW-9	10	2	17.71	7.70	0806	8.7	8.96
21	MBCMW-10	53	2	17.74	8.34	0806	8.63	
22	MCWP-MW01	148	6		~~27.58~~ 10.31	0942	10.22	
23	MCWP-MW02	145	6	18.06	10.18	0930	10.39	
24	MCWP-MW03	134	6		8.48	0950	7.65	
25	MCWP-MW04D	148	4		9.56	0944	9.35	145.33
26	MCWP-MW04S	20	4		6.95	~~0802~~ 0944	7.55	20.39
27	MCWP-MW05	158	4		7.43	0802	7.62	150.75
28	MCWP-MW06	153	2		9.71	0932	9.87	136.78
29	MCWP-MW07D	134	2		8.44	0951	7.51	128.60
30	MCWP-MW07S *	20	2		5.78	1455	6.76	17.16
31	MCWP-MW08	77	2		7.03	1102	7.64	
32	MCWP-MW09	95	2	16.3	~~7.26~~ 6.01	1057	7.52	~~24.94~~ 89.20
33	MCWP-MW10	60	2		4.91	0912	5.7	21.87
34	P-4	12.5	4	12.155	3.85	0851	4.58	
35	P-9	14.3	4	12.165	4.23	0853	5.07	
36	SMBRP-2	25	2	13.131	5.21	0832	6.04	
37	SMBRP-6	25	2	26.875	16.15	0840	16.49	
38	SMBRP-7b	45	2	18.985	10.36	0757	10.69	24.91
39	SMBRP-8 (EG-RC	60	4		27.58	0735	28.74	
40	SMBRP-9	45	2	50.32	36.60	0730	38.24	44.86
41	SMBRP-10C	25	2	16.25	6.68	1114	7.37	
42	SMBRP-11 *	20	2	18.35	8.00	1345	8.88	20.35
43	SMBRP-12	25	2	12.615	~~6.01~~ 7.26	1055	5.69	~~89.20~~ 24.94
44	SMBRP-13	20	2	13.58	8.00	1103	8.32	19.45
45	SMBRP-15b	25	1	16.765			dry, recorded depth 8.77	8.49
46	SMBRP-16	25	2	14.5	4.46	0745	4.95	

* PARKED OVER – First Thing 6/19/18

Ty-MW1 2 54.10 1010 80.31

Rincon Consultants, Inc.

GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587	Date: 6/19/18
Project/Location Malibu, CA Civic Center Area	Well Number: MCWP-MW04S
Observation Period Start: 1353 Stop: 1406	Survey Reference Point: TOC
Sampled By: Peter ~~Shellenbarger~~ DORAN	Witnessed By: MC

PURGING DATA

Type of Pump	ELECTRIC SUBMERSIBLE	Pump Inlet Depth (ft)	19.5
Well Diameter (in)	4 in	Depth of Well (ft)	20.39
Initial/Static Depth to Water (ft)	6.95	Length of Water Column (ft)	13.44
Product Thickness (ft)	———	Volume Multiplier (gal/ft)	0.65
One Casing Volume (gal)	8.736	Three Casing Volumes (gal)	26.208
Purge Time, Start	1400	Purge Time, Stop	1406
Total Purge Time (minutes)	6 min	Purge Rate (gpm)	1.4
Purge Volume (gal)	10	Depth to Water (ft) at Sampling	7.78

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	9.0	10gal					At Sampling
TDS (ppm)	5010	4456	well					>2000
Turbidity (measured or visual) cloudy, clear, muddy	52.9 NTU	9.20 NTU	dewatered					7.31 NTU
Temperature (C)	23.8	23.1						24.5
Conductivity (micromhos) uS	7571	6628						5.91 mS
pH	7.16	7.03						7.1
Dissolved Oxygen (mg/L & %)	8.45	8.66						2.94
Comments:								33.8%
				Depth to Water at End of Purge (ft)	19.50			
				Drawdown (ft)	12.55			

MISCELLANEOUS DATA

Condition of Traffic Box:	GOOD
Drum Identification labeling:	Non-Hazardous Waste
Water Level Indicator:	Solinst Model 101
Weather Conditions:	OVERCAST.

Comments: Sampled at: 1205 6/20/18

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

6.95 + 0.2 * 12.55 = 9.46

Rincon Consultants, Inc.

GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587	Date: 6.21.18
Project/Location Malibu, CA Civic Center Area	Well Number: MCWP-MW04D
Observation Period Start: 1125 Stop: 1400	Survey Reference Point: TOC
Sampled By: Peter ~~Shellenbarger~~ Doran	Witnessed By:

PURGING DATA

Type of Pump	Grundfos	Pump Inlet Depth (ft)	—
Well Diameter (in)	4	Depth of Well (ft)	145.33
Initial/Static Depth to Water (ft)	9.56	Length of Water Column (ft)	135.77
Product Thickness (ft)	N/A	Volume Multiplier (gal/ft)	0.65
One Casing Volume (gal)	88.25	Three Casing Volumes (gal)	264.75
Purge Time, Start	1126	Purge Time, Stop	1350
Total Purge Time (minutes)	144	Purge Rate (gpm)	1.8
Purge Volume (gal)	265	Depth to Water (ft) at Sampling	9.20

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	88	176	265				At Sampling
TDS (ppm)	1118	1177	1185	1179				
Turbidity (measured or visual) cloudy, clear, muddy	6.93	2.08	2.01	1.32				
Temperature (C)	20.8	21.0	21.6	21.0				
Conductivity (~~microhos~~) MS	1.89	1.99	2.01	2.00				
pH	7.18	7.14	7.20	7.16 ~~7.17~~				
Dissolved Oxygen (mg/L & %)	1.02/11.2	1.18/13.1	1.10/12.1	0.98/10.8				
Comments:								
Depth to Water at End of Purge (ft)				9.60				
Drawdown (ft)				0.04				

MISCELLANEOUS DATA

Condition of Traffic Box:	Good
Drum Identification labeling:	**Non-Hazardous Waste**
Water Level Indicator:	**Solinst Model 101**
Weather Conditions:	Overcast

Comments: Sampled at: 1350

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

9.56 + 0.2 * 0.04 = 9.56

Rincon Consultants, Inc.

GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587	Date: 6-21-15
Project/Location Malibu, CA Civic Center Area	Well Number: MCWP-MW05
Observation Period Start: 0820 Stop: 1130	Survey Reference Point: (TOC)
Sampled By: Peter ~~Shellenberger~~ DORIN	Witnessed By: —

PURGING DATA

Type of Pump	GRUNDFOS	Pump Inlet Depth (ft)	—
Well Diameter (in)	4	Depth of Well (ft)	150.75
Initial/Static Depth to Water (ft)	7.43	Length of Water Column (ft)	143.32
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.65
One Casing Volume (gal)	93.15	Three Casing Volumes (gal)	279.47
Purge Time, Start	0828	Purge Time, Stop	1100
Total Purge Time (minutes)	92 127	Purge Rate (gpm)	2.3
Purge Volume (gal)	279.5	Depth to Water (ft) at Sampling	7.40

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	93.5	186.5	279.5				At Sampling
TDS (ppm)	1047	1053	1052	1058				
Turbidity (measured or visual) cloudy, clear, muddy	Clear	1.0	0.66	0.55				
Temperature (C)	19.2	20.9	20.5	20.8				
Conductivity (~~micromhos~~) mS	1.79mS	1.80	1.80	1.80				
pH	7.22	7.22	7.25	7.31				
Dissolved Oxygen (mg/L & %)	1.21 / 13.4%	0.97 / 11.2	0.76 / 8.4	0.76 / 9.3				
Comments:								
Depth to Water at End of Purge (ft)				7.50				
Drawdown (ft)				0.07				

MISCELLANEOUS DATA

Condition of Traffic Box:

Drum Identification labeling: **Non-Hazardous Waste**

Water Level Indicator: **Solinst Model 101**

Weather Conditions:

Comments: Sampled at: 1100

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

7.43 + 0.2 * 0.07 = 7.44

Rincon Consultants, Inc.

GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587	Date: 6/20/18
Project/Location Malibu, CA Civic Center Area	Well Number: MCWP-MW06
Observation Period Start: 0743 Stop: 0907	Survey Reference Point: TOC
Sampled By: Peter ~~Shollenbarger~~ DORAN	Witnessed By: Michelle, Ryan, JACK

PURGING DATA

Type of Pump	GRUNFOS	Pump Inlet Depth (ft)	—
Well Diameter (in)	2 in	Depth of Well (ft)	136.78
Initial/Static Depth to Water (ft)	~~9.71~~ 9.43	Length of Water Column (ft)	~~127.07~~ 127.35
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	~~20.33~~ 20.38	Three Casing Volumes (gal)	~~60.99~~ 61.128
Purge Time, Start	0806 / 0835 / 0858	Purge Time, Stop	0821 / 0856 / 0907
Total Purge Time (minutes)	61	Purge Rate (gpm)	1.0
Purge Volume (gal)	61	Depth to Water (ft) at Sampling	~~9.69~~ 9.43

* generator stopped

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	20 gal	40 gal	61 gal				At Sampling
TDS (ppm)	1393	1405	1409	1405				—
Turbidity (measured or visual) cloudy, clear, muddy	11 NTU	17.9 NTU	3.23 NTU	2.13 NTU				—
Temperature (C)	19.9	20.5	20.3	20.3				—
Conductivity (micromhos) mS	2.34	2.36	2.38	2.37				—
pH	7.25	7.43	7.45	7.41				—
Dissolved Oxygen (mg/L & %)	2.24	2.43	0.65	0.94				—
Comments:	28.0%	32.4%	7.6%	10.7%				—
Depth to Water at End of Purge (ft)				9.45				
Drawdown (ft)				0.02				

MISCELLANEOUS DATA

Condition of Traffic Box:	Good
Drum Identification labeling:	**Non-Hazardous Waste**
Water Level Indicator:	**Solinst Model 101**
Weather Conditions:	overcast 61°F

Comments: Sampled at: 0907

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

9.43 + 0.2 * 0.02 = 9.43

Rincon Consultants, Inc.

GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587	Date: 6/19/18
Project/Location Malibu, CA Civic Center Area	Well Number: MCWP-MW07S
Observation Period Start: 1457 Stop: 1505	Survey Reference Point: TOC
Sampled By: Peter ~~Shellenbarger~~ DORAN	Witnessed By: MC

PURGING DATA

Type of Pump	ELECTRIC SUBMERSIBLE	Pump Inlet Depth (ft)	16.5
Well Diameter (in)	2in	Depth of Well (ft)	17.16
Initial/Static Depth to Water (ft)	5.78	Length of Water Column (ft)	11.38
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	1.82	Three Casing Volumes (gal)	5.46
Purge Time, Start	1457	Purge Time, Stop	1502
Total Purge Time (minutes)	5min	Purge Rate (gpm)	0.5
Purge Volume (gal)	2	Depth to Water (ft) at Sampling	5.84

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	2 gal					At Sampling
TDS (ppm)	1257	1037	Dewatered				1236
Turbidity (measured or visual) cloudy, clear, muddy	>1000	745 AU	@ 3gal				51.9 NTU
Temperature (C)	23.7	20.8	|				22.6
Conductivity (micromhos) uS	1877	1480	|				2.04
pH	7.02	7.07	|				7.50
Dissolved Oxygen (mg/L & %)	8.65	9.52	|				2.86
Comments:							28.1%
				Depth to Water at End of Purge (ft)	16.5		
				Drawdown (ft)	10.72		

MISCELLANEOUS DATA

Condition of Traffic Box: 2/2 TAPS Broken

Drum Identification labeling: **Non-Hazardous Waste**

Water Level Indicator: **Solinst Model 101**

Weather Conditions: OVERCAST

Comments: Sampled at: 1253

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

5.78 + 0.2 * 10.72 = 7.92

Rincon Consultants, Inc.

GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587	Date: 6.21-18
Project/Location Malibu, CA Civic Center Area	Well Number: MCWP-MW07D
Observation Period Start: ~~1402~~ 0705 Stop:	Survey Reference Point: TOC
Sampled By: Peter ~~Shellenbarger~~ DORAN	Witnessed By: MC, RS, JN

PURGING DATA

Type of Pump	GRUNDFOS	Pump Inlet Depth (ft)	110
Well Diameter (in)	2	Depth of Well (ft)	128.60
Initial/Static Depth to Water (ft)	8.44	Length of Water Column (ft)	120.16
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	19.2	Three Casing Volumes (gal)	57.7
Purge Time, Start	0709	Purge Time, Stop	0805
Total Purge Time (minutes)	56	Purge Rate (gpm)	
Purge Volume (gal)	59.0	Depth to Water (ft) at Sampling	

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4 inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	19.5	38.5	58.0				At Sampling
TDS (ppm)	1747	1814	1849	1860	—			1855
Turbidity (measured or visual) cloudy, clear, muddy	44.1	2.75	0.52	0.48	—			0.85
Temperature (C)	21.0	21.0	21.2	21.1	—			21.1
Conductivity (~~micromhos~~ mS)	2.89	3.03	3.08	3.12	—			3.09
pH	7.20	7.17	7.14	7.13	—			7.12
Dissolved Oxygen (mg/L & %)	1.32 /15.8	0.84/9.3%	0.88/4.5	0.94/9.4	—			0.92/9.6
Comments:								
Depth to Water at End of Purge (ft)								
Drawdown (ft)				0.15				

MISCELLANEOUS DATA

Condition of Traffic Box: 2/2. TABS BROKEN.

Drum Identification labeling: **Non-Hazardous Waste**

Water Level Indicator: **Solinst Model 101**

Weather Conditions: 63°, Cloudy

Comments: Sampled at: 0805

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

8.44 + 0.2 * 0.15 = 8.47

Rincon Consultants, Inc.

GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587	Date: 6.20.18
Project/Location Malibu, CA Civic Center Area	Well Number: MCWP-MW09
Observation Period Start: 1010 Stop: 1047	Survey Reference Point: TOC
Sampled By: ~~Peter Shellenberger~~ RYAN	Witnessed By: MC, R, JW

PURGING DATA

Type of Pump	GRUNFOS	Pump Inlet Depth (ft)	85
Well Diameter (in)	2 in	Depth of Well (ft)	89.20
Initial/Static Depth to Water (ft)	5.95	Length of Water Column (ft)	83.25
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	13.32	Three Casing Volumes (gal)	39.96
Purge Time, Start	1018	Purge Time, Stop	1047
Total Purge Time (minutes)	29	Purge Rate (gpm)	1.3
Purge Volume (gal)	39	Depth to Water (ft) at Sampling	6.12

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	13	26	39				At Sampling
TDS (ppm)	1474	>2000	>2000	>2000	→			4.14
Turbidity (measured or visual) cloudy, clear, muddy	46.1 NTU	610 AU	33 NTU	11.7	→			
Temperature (C)	22.5	22.4	21.9	21.6	→			24.1
Conductivity (micromhos) mS	2.5	3.59	3.64	3.6	→			7.81
pH	7.4	7.31	7.43	7.42	→			6.87
Dissolved Oxygen (mg/L & %)	2.09	0.78	1.08	0.51	→			1.95
Comments:	24.1%	8.6%	12.8%	5.8%	→			23.6%
Depth to Water at End of Purge (ft)				6.86				
Drawdown (ft)				0.93				

MISCELLANEOUS DATA

Condition of Traffic Box: Good

Drum Identification labeling: **Non-Hazardous Waste**

Water Level Indicator: **Solinst Model 101**

Weather Conditions: Overcast

Comments: Sampled at: 1043

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

5.95 + 0.2 * 0.93 = 6.13

1043 - SAMP

Rincon Consultants, Inc.

GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587	Date: 6.22.18
Project/Location Malibu, CA Civic Center Area	Well Number: MCWP-MW10
Observation Period Start: 0815 Stop: 0840	Survey Reference Point: TOC
Sampled By: Peter ~~Shellenberger~~ DORAN	Witnessed By: R JW.

PURGING DATA

Type of Pump	HAND BAILER	Pump Inlet Depth (ft)	HAND BAIL
Well Diameter (in)	2	Depth of Well (ft)	21.87
Initial/Static Depth to Water (ft)	5.04	Length of Water Column (ft)	16.83
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	2.7	Three Casing Volumes (gal)	8.1
Purge Time, Start	0820	Purge Time, Stop	0830
Total Purge Time (minutes)	10	Purge Rate (gpm)	0.85
Purge Volume (gal)	8.5	Depth to Water (ft) at Sampling	5.04

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	3.0	6.0	8.5				At Sampling
TDS (ppt ~~ppm~~)	~~1.07~~	1.40	1.43	1.42				
Turbidity (measured or visual) cloudy, clear, muddy	4.66	50.1	100	614				
Temperature (C)	22.1	21.3	21.2	21.2				
Conductivity (~~micromhos~~) MS	2.02	2.66	2.69	2.68				
pH	7.35	7.05	7.10	7.13				
Dissolved Oxygen (mg/L & %)	1.67/19.0	1.53/16.5	2.10/23.5	2.46/26.9				
Comments:								
Depth to Water at End of Purge (ft)				5.04				
Drawdown (ft)				0				

MISCELLANEOUS DATA

Condition of Traffic Box:	1/2 TABS BROKEN
Drum Identification labeling:	**Non-Hazardous Waste**
Water Level Indicator:	**Solinst Model 101**
Weather Conditions:	OVERCAST.

Comments: Sampled at: 0835

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

5.04 + 0.2 * 0 = 5.04

Rincon Consultants, Inc.

GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587	Date: 6/20/18
Project/Location Malibu, CA Civic Center Area	Well Number: SMBRP-7B
Observation Period Start: 0920 Stop: 0945	Survey Reference Point: (TOC)
Sampled By: Peter ~~Sheilenberger~~ DORN	Witnessed By: -

PURGING DATA

Type of Pump	HAND BAIL	Pump Inlet Depth (ft)	N/A
Well Diameter (in)	2in	Depth of Well (ft)	24.91
Initial/Static Depth to Water (ft)	10.36	Length of Water Column (ft)	14.55
Product Thickness (ft)	———	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	2.32	Three Casing Volumes (gal)	7
Purge Time, Start	0922	Purge Time, Stop	0945
Total Purge Time (minutes)	23	Purge Rate (gpm)	03
Purge Volume (gal)	7	Depth to Water (ft) at Sampling	1182

NEEDS TO RECHARGE

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	2½	5	7				At Sampling
TDS (ppm)	932	1529	1788	1858				1.99
Turbidity (measured or visual) cloudy, clear, muddy	13.0NTU	116NTU	75NTU	994 AU				32.1
Temperature (C)	22.0	22.0	21.0	21.0				23.4
Conductivity (micromhos) MS	1.59	2.56	2.98	3.09				3.76
pH	7.11	7.14	7.19	7.22				7.05
Dissolved Oxygen (mg/L & %)	0.87	1.23	1.41	1.63				2.67
Comments:	10.0%	13.9%	16.6%	17.7%				30.5%
Depth to Water at End of Purge (ft)				17.66				
Drawdown (ft)				7.30				

MISCELLANEOUS DATA

Condition of Traffic Box: HOOD, CRACKED APRON

Drum Identification labeling: **Non-Hazardous Waste**

Water Level Indicator: **Solinst Model 101**

Weather Conditions: OVERCAST.

Comments: Sampled at: 1233

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

10.36 + 0.2 * 7.3 = 11.82

Rincon Consultants, Inc.

GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587	Date: 6.19.18
Project/Location Malibu, CA Civic Center Area	Well Number: SMBRP-9
Observation Period Start: 1255 Stop: 1310	Survey Reference Point: (TOC)
Sampled By: Peter ~~Shellenbarger~~ DORAN	Witnessed By: —

PURGING DATA

Type of Pump	HAND BAIL	Pump Inlet Depth (ft)	NA
Well Diameter (in)	2	Depth of Well (ft)	44.86
Initial/Static Depth to Water (ft)	36.60	Length of Water Column (ft)	8.26
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	1.32	Three Casing Volumes (gal)	3.96
Purge Time, Start	1302	Purge Time, Stop	1312
Total Purge Time (minutes)	10	Purge Rate (gpm)	0.4
Purge Volume (gal)	4.0	Depth to Water (ft) at Sampling	36.30

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	1.5	3.0	4.0				At Sampling
TDS (ppm)	1884	1379	1573	1881				1562
Turbidity (measured or visual) cloudy, clear, muddy	136	97.4	12.4	14.9				54.2 NTU
Temperature (C)	24.4	24.4	24.4	24.4				~~2.62~~ 23.2
Conductivity (micromhos) MS	2.88	2.85	2.88	2.89				2.62
pH	7.02	7.05	7.06	7.13				7.49
Dissolved Oxygen (mg/L & %)	8.64/102.4	8.43/101.6	8.36/101.2	8.34/101.2				2.14/24.8%
Comments:								
Depth to Water at End of Purge (ft)				42.10				
Drawdown (ft)				5.5				

MISCELLANEOUS DATA

Condition of Traffic Box: Good, MB.

Drum Identification labeling: **Non-Hazardous Waste**

Water Level Indicator: **Solinst Model 101**

Weather Conditions: OVERCAST

Comments: Sampled at: 6/20/18 1152

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

36.60 + 0.2 * 5.5 = 37.70

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GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587	Date: 6-21-18
Project/Location Malibu, CA Civic Center Area	Well Number: SMBRP-11
Observation Period Start: 1340 Stop: 1358	Survey Reference Point: (TOC)
Sampled By: Peter ~~Shellenberger~~ DORAN	Witnessed By: —

PURGING DATA

Type of Pump	HAND BAIL	Pump Inlet Depth (ft)	—
Well Diameter (in)	2	Depth of Well (ft)	20.35
Initial/Static Depth to Water (ft)	~~8.00~~ 8.40	Length of Water Column (ft)	11.95
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	1.91	Three Casing Volumes (gal)	5.7
Purge Time, Start	1340	Purge Time, Stop	1354
Total Purge Time (minutes)	14	Purge Rate (gpm)	HAND BAIL
Purge Volume (gal)	4.0	Depth to Water (ft) at Sampling	8.36

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	2.0	4.0					At Sampling
TDS (ppm)	1536	1520	1514					1326
Turbidity (measured or visual) cloudy, clear, muddy	>1000	>1000	>1000	WELL DEWATERED				25
Temperature (C)	22.9	22.6	22.6	C				21.8
Conductivity (micromhos) MS	2.59	2.56	2.55	4.0 MAL.				2.27
pH	7.09	7.10	7.13					7.10
Dissolved Oxygen (mg/L & %)	4.37/50.2	1.88/20.1	1.76/19.6					3.62/41.1
Comments:								
Depth to Water at End of Purge (ft)				19.96				
Drawdown (ft)				11.56				

MISCELLANEOUS DATA

Condition of Traffic Box: 1/2 TABS BROKEN

Drum Identification labeling: **Non-Hazardous Waste**

Water Level Indicator: **Solinst Model 101**

Weather Conditions: OVERCAST.

Comments: Sampled at: 6-22-18/0850

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

9.40 + 0.2 * 11.56 = 10.71

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GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587	Date: 6/20/18
Project/Location Malibu, CA Civic Center Area	Well Number: SMBRP-12
Observation Period Start: 1055 Stop: 1120	Survey Reference Point: (TOC)
Sampled By: ~~Peter Shellenberger~~ RYAN, JW, MC	Witnessed By: —

PURGING DATA

Type of Pump	GRUNDFOS	Pump Inlet Depth (ft)	23'
Well Diameter (in)	2in	Depth of Well (ft)	24.94
Initial/Static Depth to Water (ft)	7.3	Length of Water Column (ft)	17.64
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	2.82	Three Casing Volumes (gal)	8.46
Purge Time, Start	1057	Purge Time, Stop	1115
Total Purge Time (minutes)	18	Purge Rate (gpm)	0.5
Purge Volume (gal)	9.0	Depth to Water (ft) at Sampling	~~7.66~~ 7.36

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	3	6	9				At Sampling
TDS (ppm)	1421	1449	1466	1469	→			
Turbidity (measured or visual) cloudy, clear, muddy	1559AU	30.6NTU	6.41	1.62NTU	→			
Temperature (C)	24.7	23.5	24.5	24.3	→			
Conductivity (micromhos) MS	2.39	2.42	2.47	2.46	→			
pH	7.16	7.14	7.15	7.13	→			
Dissolved Oxygen (mg/L & %)	0.97	0.51	0.61	0.97	→			
Comments:	12.1%	5.8%	8.2%	10.7%	→			
Depth to Water at End of Purge (ft)				7.66				
Drawdown (ft)				0.36				

MISCELLANEOUS DATA

Condition of Traffic Box: Good

Drum Identification labeling: **Non-Hazardous Waste**

Water Level Indicator: **Solinst Model 101**

Weather Conditions: Overcast,

Comments: Sampled at: 1114

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

7.30 + 0.2 * 0.36 = 7.37

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GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587	Date: 6-22-16
Project/Location Malibu, CA Civic Center Area	Well Number: SMBRP-13
Observation Period Start: 0752 Stop: 0810	Survey Reference Point: TOC
Sampled By: Peter ~~Shellenbarger~~ DORAN	Witnessed By: RYAN, JW

PURGING DATA

Type of Pump	HAND BAIL	Pump Inlet Depth (ft)	—
Well Diameter (in)	2	Depth of Well (ft)	19.45
Initial/Static Depth to Water (ft)	7.65	Length of Water Column (ft)	11.80
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	1.9	Three Casing Volumes (gal)	5.6
Purge Time, Start	0756	Purge Time, Stop	0805
Total Purge Time (minutes)	9	Purge Rate (gpm)	0.75
Purge Volume (gal)	6.0	Depth to Water (ft) at Sampling	7.65

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	2.0	4.0	6.0				At Sampling
TDS (~~ppm~~) PPT	1.76	1.93	1.97	1.99				
Turbidity (measured or visual) cloudy, clear, muddy	3.00	6.09	6.53	5.57				
Temperature (C)	20.5	20.0	19.9	19.9				
Conductivity (micromhos) MS	3.32	3.65	3.72	3.73				
pH	7.15	7.19	7.21	7.21				
Dissolved Oxygen (mg/L & %)	1.98/21.7	2.16/22.6	2.20/24.1	2.19/25.0				
Comments:								
Depth to Water at End of Purge (ft)				7.65				
Drawdown (ft)				0				

MISCELLANEOUS DATA

Condition of Traffic Box: GOOD

Drum Identification labeling: **Non-Hazardous Waste**

Water Level Indicator: **Solinst Model 101**

Weather Conditions: OVERCAST

Comments: Sampled at: 0807

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

7.65 + 0.2 * 0 = 7.65

Rincon Consultants, Inc.

GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587	Date: 6.19.18
Project/Location Malibu, CA Civic Center Area	Well Number: LAMW-5S
Observation Period Start: 1120 Stop: 1250	Survey Reference Point: (TOC)
Sampled By: Peter ~~Shellenbarger~~ DORAN	Witnessed By: MC

PURGING DATA

Type of Pump	ELECTRIC SUBMERSIBLE	Pump Inlet Depth (ft)	70'
Well Diameter (in)	4	Depth of Well (ft)	73.95
Initial/Static Depth to Water (ft)	54.60	Length of Water Column (ft)	19.35
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.65
One Casing Volume (gal)	12.58	Three Casing Volumes (gal)	37.74
Purge Time, Start	1212	Purge Time, Stop	1240
Total Purge Time (minutes)	28	Purge Rate (gpm)	0.75
Purge Volume (gal)	20	Depth to Water (ft) at Sampling	55.02

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	(4-inch Diameter = 0.65 gal/ft)
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	13.0	20.0					At Sampling
TDS (ppm)	696.55	698.34	~~687.85~~					563.44
Turbidity (measured or visual) cloudy, clear, muddy NTU.	73	89	52					31.5
Temperature (C)	23.5	23.2	23.4					22.6
Conductivity (micromhos) uS	1052	1027	1021					0700
pH	6.70	6.78	6.83					7.23
Dissolved Oxygen (mg/L & %)	8.69/102.7	9.03/104.5	8.77/103.1					1.99/23.3
Comments:								
Depth to Water at End of Purge (ft)				70.0				
Drawdown (ft)				15.4				

MISCELLANEOUS DATA

Condition of Traffic Box: GOOD, 1/2 TABS STRIPPED

Drum Identification labeling: **Non-Hazardous Waste**

Water Level Indicator: **Solinst Model 101**

Weather Conditions: OVERCAST

Comments: Sampled at: 1111

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

54.60 + 0.2 * 15.4 = 57.68

Rincon Consultants, Inc.

GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587	Date: 6-22-18
Project/Location Malibu, CA Civic Center Area	Well Number: CCP6
Observation Period Start: 0710 Stop: 0740	Survey Reference Point: (TOC)
Sampled By: Peter ~~Shellenbarger~~ DORAN	Witnessed By: —

PURGING DATA

Type of Pump	Electric Sub.	Pump Inlet Depth (ft)	45'
Well Diameter (in)	2	Depth of Well (ft)	52.25
Initial/Static Depth to Water (ft)	7.71	Length of Water Column (ft)	44.52
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	7.13	Three Casing Volumes (gal)	21.4
Purge Time, Start	0716	Purge Time, Stop	0730
Total Purge Time (minutes)	14	Purge Rate (gpm)	1.5
Purge Volume (gal)	21.5	Depth to Water (ft) at Sampling	7.71

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	7.5	14.5	21.5				At Sampling
TDS (ppm)	1611	2.37 PPT	2.81 PPT	2.83 PPT				—
Turbidity (measured or visual) cloudy, clear, muddy	26.6	6.49	5.83	5.26				—
Temperature (C)	19.9	19.9	19.8	19.8				—
Conductivity (micromhos) MS	2.72	4.47	5.32	5.33				—
pH	7.25	7.14	7.14	7.12				—
Dissolved Oxygen (mg/L & %)	0.95/9.9	0.58/6.3	0.60/6.5	0.64/6.6				—
Comments:								
Depth to Water at End of Purge (ft)				7.71				
Drawdown (ft)				0				

MISCELLANEOUS DATA

Condition of Traffic Box:	Good, 1/2 TABS STRIPPED.
Drum Identification labeling:	**Non-Hazardous Waste**
Water Level Indicator:	**Solinst Model 101**
Weather Conditions:	CLEAR

Comments: Sampled at: 0735

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

7.71 + 0.2 * 0 = 7.71

Rincon Consultants, Inc.

GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587	Date: 6.19.18
Project/Location Malibu, CA Civic Center Area	Well Number: & MBCMW-9
Observation Period Start: 1415 Stop: 1425	Survey Reference Point: TOC
Sampled By: Peter ~~Shellenbarger~~ DORAN	Witnessed By:

PURGING DATA

Type of Pump	HAND BAIL	Pump Inlet Depth (ft)	—
Well Diameter (in)	2	Depth of Well (ft)	8.96
Initial/Static Depth to Water (ft)	7.70	Length of Water Column (ft)	1.26
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	~~0.02~~ 0.20	Three Casing Volumes (gal)	~~2.45~~ 0.60
Purge Time, Start	1415	Purge Time, Stop	1422
Total Purge Time (minutes)	7	Purge Rate (gpm)	HAND BAIL
Purge Volume (gal)	0.4	Depth to Water (ft) at Sampling	7.70

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	0.4						At Sampling
TDS (ppm)	3962	2846	WELL DEWATERED @ 0.4 GAL.					4.14
Turbidity (measured or visual) cloudy, clear, muddy	41.5NTU	741 AU						63.1
Temperature (C)	22.1	22.5						24.1
Conductivity (micromhos) uS	7700	4173						7.81 mS
pH	6.57	6.92						6.87
Dissolved Oxygen (mg/L & %)	8.92	8.90						1.95
Comments:								23.6%
				Depth to Water at End of Purge (ft)	8.86			
				Drawdown (ft)	1.16			

MISCELLANEOUS DATA

Condition of Traffic Box: 2/2 TABS BROKEN

Drum Identification labeling: **Non-Hazardous Waste**

Water Level Indicator: **Solinst Model 101**

Weather Conditions: OVERCAST

Comments: Sampled at: 1217 / 6.20.18

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

7.70 + 0.2 * 1.16 = 7.93

Table 1

Groundwater Monitoring Well Construction Details

Well ID	Total Well Depth (ft bTOC)	Well Diameter (in)	TOC Elevation (ft amsl)	Depth to Water 7/10/2018	Time	Depth to Water 8/24/2015 (ft bTOC)	Wellhead Condition /Notes
C-1	14.5	n/a	11.47	4.59	1235	n/a	
C-2	14.5	2	11.19	4.50	1240	5.11	
CCPE	20	2	12.935	5.40	1021	5.76	
CCPNE		2	13.675	6.10	1030	6.44	
CCPSW		2	13.67	6.01	1035	6.29	2/2 B.M.
CCW-4		1	15.765	6.21	0925	6.5	1/2 T.S.
GH6-M1	35	2		27.80	1140	28.92	2/2 B.M.
GH8-M3	40	2		27.20	1136	28.37	2/2 B.M.
GH9-M4	45	2		29.20	1133	30.31	2/2 B.M.
Lagoon		n/a		N/A		n/a	
LAMW-5S	20	4	104.55	54.35	0902	53.71	1/2 T.S.
M6-1	45	2		6.43	1151	6.61	
M6-2	20	2		5.25	1149	5.76	
M7-1	40	2		7.50	1122	8.09	
M7-2	25	2		7.06	1124	7.78	
MBCMW-5	19.4	n/a	29.03	N/A		n/a	
MBCMW-6	64.26	n/a	29.02	N/A		n/a	
MBCMW-7	52.5	2	16.635	11.09	0915	11.26	CASING
MBCMW-8	10	2	16.53	8.69	0916	9.11	ABOVE
MBCMW-9	10	2	17.71	8.06	0936	8.7	—
MBCMW-10	53	2	17.74	8.29	0938	8.63	—
MCWP-MW01	148	6		10.14	1054	10.22	
MCWP-MW02	145	6	18.06	10.18	1039	10.39	
MCWP-MW03	134	6		7.90	1105	7.65	2/2 B.M.
MCWP-MW04D	148	4		9.24	1052	9.35	
MCWP-MW04S	20	4		7.19	1050	7.55	
MCWP-MW05	158	4		7.34	0944	7.62	
MCWP-MW06	153	2		9.64	1040	9.87	1/2 B.M.
MCWP-MW07D	134	2		7.74	1102	7.51	2/2 T.B.
MCWP-MW07S	20	2		6.09	1100	6.76	2/2 T.B.
MCWP-MW08	77	2		7.22	1210	7.64	
MCWP-MW09	95	2	16.3	7.40	1207	7.52	
MCWP-MW10	60	2		5.33	1244	5.7	1/2 T.B.
P-4	12.5	4	12.155	4.27	1015	4.58	2/2 B.M.
P-9	14.3	4	12.165	4.73	1016	5.07	2/2 B.M.
SMBRP-2	25	2	13.131	5.64	1009	6.04	~~2/2 B.M.~~
SMBRP-6	25	2	26.875	16.45	1000	16.49	1/2 T.S.
SMBRP-7b	45	2	18.985	10.61	0947	10.69	C.A.
SMBRP-8 (EG-RC MW01)	60	4		27.96	0851	28.74	1/2 T.S.
SMBRP-9	45	2	50.32	36.84	0845	38.24	—
SMBRP-10C	25	2	16.25	7.00	0855	7.37	C.A.
SMBRP-11	20	2	18.35	7.86	1214	8.88	
SMBRP-12	25	2	12.615	4.85	1209	5.69	
SMBRP-13	20	2	13.58	7.85	1110	8.32	
SMBRP-15b	25	1	16.765	DRY	1221	Dry	2/2 B.M. —8.66
SMBRP-16	25	2	14.5	4.75	0910	4.95	2/2 B.M.

Table 1

Groundwater Monitoring Well Construction Details

Well ID	Total Well Depth (ft bTOC)	Well Diameter (in)	TOC Elevation (ft amsl)	Depth to Water 8/24/2018	Time	Depth to Water 8/24/2015 (ft bTOC)	Wellhead Condition /Notes	
C-1	14.5	n/a	11.47	5.04	1425	n/a		
C-2	14.5	2	11.19	4.91	1430	5.11		
CCPE	20	2	12.935	5.45	1001	5.76	52.25	
CCPNE		2	13.675	6.13	1004	6.44		
CCPSW		2	13.67	6.01	1009	6.29		
CCW-4		1	15.765	6.65	0914	6.5		
GH6-M1	35	2		27.94	1116	28.92		
GH8-M3	40	2		29.5	1121	28.37		
GH9-M4	45	2		26.72	1109	30.31		
Lagoon		n/a		NA	NA	n/a		
LAMW-5S	20	4	104.55	53.69	0930*	53.71	74.00	8.22.18
M6-1	45	2		6.53	1131	6.61		
M6-2	20	2		5.38	1130	5.76		
M7-1	40	2		7.85	1045	8.09		
M7-2	25	2		7.57	1050	7.78		
MBCMW-5	19.4	n/a	29.03	~~6.53~~	~~1131~~	n/a	covered	
MBCMW-6	64.26	n/a	29.02	~~5.38~~	~~1130~~	n/a	covered	
MBCMW-7	52.5	2	16.635	11.11	0912	11.26		
MBCMW-8	10	2	16.53	8.93	0910	9.11		
MBCMW-9	10	2	17.71	8.40	0918	8.7	9.29	
MBCMW-10	53	2	17.74	8.45	0920	8.63		
MCWP-MW01	148	6		10.19	1020	10.22		
MCWP-MW02	145	6	18.06	10.32	1016	10.39		
MCWP-MW03	134	6		7.90	1154	7.65		
MCWP-MW04D	148	4		9.41	1022	9.35	145.35	
MCWP-MW04S	20	4		7.28	1025	7.55	20.40	
MCWP-MW05	158	4		7.50	0922	7.62	150.65	
MCWP-MW06	153	2		9.78	1015	9.87		
MCWP-MW07D	134	2		7.81	1150	7.51		
MCWP-MW07S	20	2		5.72	1144	6.76	17.6	
MCWP-MW08	77	2		7.43	1252	7.64		
MCWP-MW09	95	2	16.3	5.74	1238	7.52		
MCWP-MW10	60	2		5.56	0845	5.7		
P-4	12.5	4	12.155	4.35	0952	4.58		
P-9	14.3	4	12.165	4.74	0955	5.07		
SMBRP-2	25	2	13.131	5.70	0945	6.04		
SMBRP-6	25	2	26.875	16.60	0935	16.49		
SMBRP-7b	45	2	18.985	10.75	0925	10.69	25.07	
SMBRP-8 (EG-RC MW01)	60	4		28.60	0845	28.74		
SMBRP-9	45	2	50.32	37.20	0940	38.24	45.03	
SMBRP-10C	25	2	16.25	7.33	1120	7.37		
SMBRP-11	20	2	18.35	8.50	1209	8.88		
SMBRP-12	25	2	12.615	6.5	1234	5.69		
SMBRP-13	20	2	13.58	8.38	1255	8.32		
SMBRP-15b	25	1	16.765	DRY	1225	Dry		
SMBRP-16	25	2	14.5	5.02	0908	4.95		

Rincon Consultants, Inc.
GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587	Date: 8-22-14
Project/Location Malibu, CA Civic Center Area	Well Number: LAMW-5S
Observation Period Start: 0820 Stop: 1240	Survey Reference Point: TOC
Sampled By: ~~Peter Shellenberger~~ PD	Witnessed By: PETER D., MICHELLE C.

PURGING DATA

Type of Pump	Elect. Sub.	Pump Inlet Depth (ft)	72'
Well Diameter (in)	4	Depth of Well (ft)	74.00
Initial/Static Depth to Water (ft)	53.68	Length of Water Column (ft)	20.32
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.65
One Casing Volume (gal)	13.2	Three Casing Volumes (gal)	39.6
Purge Time, Start	0905	Purge Time, Stop	0921
Total Purge Time (minutes)	16 min	Purge Rate (gpm)	1.6'
Purge Volume (gal)		Depth to Water (ft) at Sampling	55.78

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	13.5	26.5					At Sampling
TDS (ppm)	336.5	649	346	—	DEWATERED			680
Turbidity (measured or visual) cloudy, clear, muddy	2413.8	580	1687		@ 28 gallons			34.8
Temperature (C)	23.2	22.5	23.0					24.8
Conductivity (micromhos)	499.4	946	511					1041
pH	6.61	6.73	6.92					6.84
Dissolved Oxygen (mg/L & %)	8.64/101.2	8.82/102.2	8.69/101.5					8.19/98.9
Comments:								
				Depth to Water at End of Purge (ft)	72.00			
				Drawdown (ft)	18.32			

MISCELLANEOUS DATA

Condition of Traffic Box: Good

Drum Identification labeling: **Non-Hazardous Waste**

Water Level Indicator: **Solinst Model 101**

Weather Conditions: CLEAR.

Comments: Sampled at: 1240

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

53.68 + 0.2 * 18.32 = 57.34

Rincon Consultants, Inc.

GROUND WATER SAMPLING/PURGING DATA SHEET

21

Job No:	15-01587	Date:	8/20/18
Project/Location	Malibu, CA Civic Center Area	Well Number:	SMBRP-7B
Observation Period	Start: 1314 Stop: 1326	Survey Reference Point:	TOC
Sampled By:	~~Peter Shellenbarger~~ P. DORAN.	Witnessed By:	—

PURGING DATA

Type of Pump	HAND BAIL	Pump Inlet Depth (ft)	—
Well Diameter (in)	2in	Depth of Well (ft)	25.07
Initial/Static Depth to Water (ft)	10.75	Length of Water Column (ft)	14.71
Product Thickness (ft)	———	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	2.35	Three Casing Volumes (gal)	7.06
Purge Time, Start	1318	Purge Time, Stop	1330
Total Purge Time (minutes)	12 min	Purge Rate (gpm)	0.3
Purge Volume (gal)	2.5	Depth to Water (ft) at Sampling	10.75

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	2 ½	~~5~~	~~7~~				At Sampling
TDS (ppm)	1503	1930	dewatered @					2044
Turbidity (measured or visual) cloudy, clear, muddy	7.96	101	4 gallons removed					237.2
Temperature (C)	24.6	24.0						23.6
Conductivity (micromhos)	3013	3869						3049
pH	7.16	7.24						7.03
Dissolved Oxygen (mg/L & %)	38.4	29.7						8.47/100.7
Comments:								
Depth to Water at End of Purge (ft)				24.6				
Drawdown (ft)				13.85				

MISCELLANEOUS DATA

Condition of Traffic Box: Good

Drum Identification labeling: **Non-Hazardous Waste**

Water Level Indicator: **Solinst Model 101**

Weather Conditions: PARTLY CLOUDY

Comments:

Sampled at: 1320 8/21

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

10.75 + 0.2 * 13.85 = 13.52

Rincon Consultants, Inc.
GROUND WATER SAMPLING/PURGING DATA SHEET

Job No:	15-01587	Date:	8/29/18
Project/Location	Malibu, CA Civic Center Area	Well Number:	SMBRP-9
Observation Period	Start: 0845 Stop: 0910	Survey Reference Point:	(TOC)
Sampled By:	~~Peter Shellenbarger~~ Michelle	Witnessed By:	Michelle C., JACK

PURGING DATA

Type of Pump	HAND BAIL	Pump Inlet Depth (ft)	NA
Well Diameter (in)	2	Depth of Well (ft)	45.03
Initial/Static Depth to Water (ft)	37.20	Length of Water Column (ft)	7.26
Product Thickness (ft)	———	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	1.32	Three Casing Volumes (gal)	3.76
Purge Time, Start	0855	Purge Time, Stop	0909
Total Purge Time (minutes)	14	Purge Rate (gpm)	0.3
Purge Volume (gal)	4.0	Depth to Water (ft) at Sampling	37.2

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	1.5	3.0	4.0				At Sampling
TDS (ppm) mg/L	1798	910	924	1824				2008
Turbidity (measured or visual) cloudy, clear, muddy	4.0	16.7	76.3	102.6				87.5
Temperature (C)	22.5	22.4	22.4	22.4				23.2
Conductivity (micromhos)	2634	1340	1359	2667				3050
pH	6.97	7.09	7.15	7.16				7.10
Dissolved Oxygen (mg/L & %)	8.80/102.5	8.89/102.8	8.89/107.8	8.85/102.8				8.46/100.0
Comments:								
Depth to Water at End of Purge (ft)				44.21				
Drawdown (ft)				7.01				

MISCELLANEOUS DATA

Condition of Traffic Box:	Good
Drum Identification labeling:	**Non-Hazardous Waste**
Water Level Indicator:	**Solinst Model 101**
Weather Conditions:	Overcast

Comments: Sampled at: 0830 8/23

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

37.20 + 0.2 * 7.01 = 38.60

Rincon Consultants, Inc.
GROUND WATER SAMPLING/PURGING DATA SHEET

Job No:	15-01587	Date:	8.20.18
Project/Location	Malibu, CA Civic Center Area	Well Number:	SMBRP-11
Observation Period	Start: 1230 Stop:	Survey Reference Point:	TOC
Sampled By:	~~Peter Shellenbarger~~ P. DORAN	Witnessed By:	

PURGING DATA

Type of Pump	HA	Pump Inlet Depth (ft)	—
Well Diameter (in)	2	Depth of Well (ft)	20.35
Initial/Static Depth to Water (ft)	8.50	Length of Water Column (ft)	11.85
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	1.9	Three Casing Volumes (gal)	5.6
Purge Time, Start	1235	Purge Time, Stop	1250
Total Purge Time (minutes)	15	Purge Rate (gpm)	—
Purge Volume (gal)	3.5	Depth to Water (ft) at Sampling	8.5

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	2.0						At Sampling
TDS (ppm)	1230	1299	WELL					755
Turbidity (measured or visual) cloudy, clear, muddy	640	>1000	DEWATERED @ 3.5					8.2
Temperature (C)	22.8	22.6						25.1
Conductivity (micromhos)	2651	2595						
pH	7.03	7.17						1166
Dissolved Oxygen (mg/L & %)	1.62/25.4	3.52/42.9						6.71
Comments:								8.11/98.7
				Depth to Water at End of Purge (ft)	20.02			
				Drawdown (ft)	11.52			

MISCELLANEOUS DATA

Condition of Traffic Box:	Good
Drum Identification labeling:	**Non-Hazardous Waste**
Water Level Indicator:	**Solinst Model 101**
Weather Conditions:	CLEAR

Comments: Sampled at: 1130 / 8.21.18

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

8.50 + 0.2 * 11.52 = 10.90

Rincon Consultants, Inc.
GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587	Date: 8/22/18
Project/Location Malibu, CA Civic Center Area	Well Number: SMBRP-12
Observation Period Start: 0945 Stop: 1030	Survey Reference Point: TOC
Sampled By: ~~Peter Shellenberger~~ P. DORAN	Witnessed By: —

PURGING DATA

Type of Pump	Elect. Sub.	Pump Inlet Depth (ft)	22'
Well Diameter (in)	2 in	Depth of Well (ft)	24.94
Initial/Static Depth to Water (ft)	6.5	Length of Water Column (ft)	18.44
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	2.95	Three Casing Volumes (gal)	8.85
Purge Time, Start	0950	Purge Time, Stop	0957
Total Purge Time (minutes)	7 min	Purge Rate (gpm)	1.3
Purge Volume (gal)	9	Depth to Water (ft) at Sampling	6.72

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	3	6	9				At Sampling
TDS (ppm)	1897.5	881	964	973				
Turbidity (measured or visual) cloudy, clear, muddy	210.2	15.8	5.0	2.5				
Temperature (C)	23.7	23.9	23.8	23.8				
Conductivity (micromhos)	2851	2838	2952	1472				
pH	7.01	7.08	7.09	7.13				
Dissolved Oxygen (mg/L & %)	8.44/100.5	8.38/100.2	8.41/100.3	8.43/100.3				
Comments:								
Depth to Water at End of Purge (ft)				7.95				
Drawdown (ft)				1.45				

MISCELLANEOUS DATA

Condition of Traffic Box: Good

Drum Identification labeling: **Non-Hazardous Waste**

Water Level Indicator: **Solinst Model 101**

Weather Conditions: CLEAR

Comments:

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

Sampled at: 1030

6.50 + 0.2 * 1.45 = 6.79

Rincon Consultants, Inc.
GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587	Date: 8/22/18
Project/Location Malibu, CA Civic Center Area	Well Number: SMBRP-13
Observation Period Start: 1155 Stop: 1230	Survey Reference Point: TOC
Sampled By: ~~Peter Shellenbarger~~ P. DORAN	Witnessed By: PETER D., MICHELLE C.

PURGING DATA

Type of Pump	Elect Sub.	Pump Inlet Depth (ft)	191
Well Diameter (in)	2	Depth of Well (ft)	19.45
Initial/Static Depth to Water (ft)	8.38	Length of Water Column (ft)	10.97
Product Thickness (ft)	———	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	1.75	Three Casing Volumes (gal)	5.3
Purge Time, Start	1157	Purge Time, Stop	1203
Total Purge Time (minutes)	6	Purge Rate (gpm)	1-0
Purge Volume (gal)	6	Depth to Water (ft) at Sampling	8.39

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	2	4	6				At Sampling
TDS (ppm)	3135	1674	1723	3169				
Turbidity (measured or visual) cloudy, clear, muddy	48.6	13.5	14.5	8.0				
Temperature (C)	22.3	22.2	21.9	21.9				
Conductivity (micromhos)	4560	2327	2487	4584				
pH	6.92	6.99	6.97	7.03				
Dissolved Oxygen (mg/L & %)	8.77/102.5	8.87/102.6	8.96/103.1	8.91/103.2				
Comments:								
Depth to Water at End of Purge (ft)				8.40				
Drawdown (ft)				0.02				

MISCELLANEOUS DATA

Condition of Traffic Box:

Drum Identification labeling: **Non-Hazardous Waste**

Water Level Indicator: **Solinst Model 101**

Weather Conditions:

Comments:

Sampled at: 1230

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

8.38 + 0.2 * 0.02 = 8.38

Rincon Consultants, Inc.
GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587	Date: 8.23.18
Project/Location Malibu, CA Civic Center Area	Well Number: MBCMW-9
Observation Period Start: 0900 Stop: 0910	Survey Reference Point: (TOC)
Sampled By: ~~Peter Shellenbarger~~ P. DORAN	Witnessed By: —

PURGING DATA

Type of Pump	HB	Pump Inlet Depth (ft)	—
Well Diameter (in)	2	Depth of Well (ft)	9.29
Initial/Static Depth to Water (ft)	8.40	Length of Water Column (ft)	0.89
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	0.14	Three Casing Volumes (gal)	0.43
Purge Time, Start	0900	Purge Time, Stop	0910
Total Purge Time (minutes)	10	Purge Rate (gpm)	—
Purge Volume (gal)	0.25	Depth to Water (ft) at Sampling	8.50

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	0.25						At Sampling
TDS (ppm)	396	392						
Turbidity (measured or visual) cloudy, clear, muddy	>1000	>1000	WELL		8/24/18			
Temperature (C)	23.4	23.3	DEWATERED			RETURNED TO		
Conductivity (micromhos)	7.40	7.40	@ 0.25 GAL.			WELL, ATTEMPTED TO		
pH	7.33	7.33				SAMPLE INSUF.		
Dissolved Oxygen (mg/L & %)	4.72/56.4	4.91/57.0				WATER		
Comments:								
				Depth to Water at End of Purge (ft)	9.10			
				Drawdown (ft)	0.70			

MISCELLANEOUS DATA

Condition of Traffic Box: Good

Drum Identification labeling: **Non-Hazardous Waste**

Water Level Indicator: **Solinst Model 101**

Weather Conditions: Clear.

Comments: Sampled at: —

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

8.40 + 0.2 * 0.70 = 8.54

Rincon Consultants, Inc.
GROUND WATER SAMPLING/PURGING DATA SHEET

Job No:	15-01587	Date:	8/20/18
Project/Location	Malibu, CA Civic Center Area	Well Number:	MCWP-MW04S
Observation Period	Start: 1342 Stop: 1400	Survey Reference Point:	TOC
Sampled By:	Peter Shellenbarger	Witnessed By:	MC, PD

PURGING DATA

Type of Pump	ELECTRIC SUBMERSIBLE	Pump Inlet Depth (ft)	20'
Well Diameter (in)	4 in	Depth of Well (ft)	20.40
Initial/Static Depth to Water (ft)	7.28	Length of Water Column (ft)	13.12
Product Thickness (ft)	———	Volume Multiplier (gal/ft)	0.65
One Casing Volume (gal)	8.53	Three Casing Volumes (gal)	25.6
Purge Time, Start	1350	Purge Time, Stop	1356
Total Purge Time (minutes)	6 min	Purge Rate (gpm)	2.0
Purge Volume (gal)	12.0	Depth to Water (ft) at Sampling	7.34

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	9.0	12.0					At Sampling
TDS (ppm)	2000	2000	|					3.51 ppT
Turbidity (measured or visual) cloudy, clear, muddy	76.8	27.5	Well					49.2
Temperature (C) F	74.7	74.7	dewatered @ 12 gal.					26.1 C
Conductivity (micromhos)	4050	6904						6.51 mS
pH	7.34	7.21						7.53
Dissolved Oxygen (mg/L & %)	8.49	8.31						3.51/43.9
Comments:								
				Depth to Water at End of Purge (ft)	19.88			
				Drawdown (ft)	12.60			

MISCELLANEOUS DATA

Condition of Traffic Box:

Drum Identification labeling: **Non-Hazardous Waste**

Water Level Indicator: **Solinst Model 101**

Weather Conditions: PARTLY CLOUDY

Comments:

Sampled at: 1200 8/21/18

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

7.28 + 0.2 * 12.6 = 19.80

Rincon Consultants, Inc.
GROUND WATER SAMPLING/PURGING DATA SHEET

Job No:	15-01587	Date:	8.23.16
Project/Location	Malibu, CA Civic Center Area	Well Number:	MCWP-MW04D
Observation Period	Start: 1015 Stop:	Survey Reference Point:	(TOC)
Sampled By:	~~Peter Shellenbarger~~ P. DORAN	Witnessed By:	—

PURGING DATA

Type of Pump	Elect. Sub.	Pump Inlet Depth (ft)	140'
Well Diameter (in)	4	Depth of Well (ft)	145.35
Initial/Static Depth to Water (ft)	9.41	Length of Water Column (ft)	135.94
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.65
One Casing Volume (gal)	88.4	Three Casing Volumes (gal)	265.1
Purge Time, Start	~~1020~~ 0950	Purge Time, Stop	1200
Total Purge Time (minutes)	130	Purge Rate (gpm)	2.0
Purge Volume (gal)	265.5	Depth to Water (ft) at Sampling	9.41

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	88.5	177	265.5				At Sampling
TDS (ppm)	1318	~~1314~~	1475	1483				
Turbidity (measured or visual) cloudy, clear, muddy	~~1656~~ 14.2	2.2	~~22~~ 1.77	1.45				
Temperature (C)	22.5	22.0	22.9	22.9				
Conductivity (micromhos)	1929	~~2058~~	2167	2191				
pH	6.89	6.99	6.90	6.81				
Dissolved Oxygen (mg/L & %)	8.71/101.2	8.31/99.1	8.68/101.2	8.58/100.5				
Comments:								
Depth to Water at End of Purge (ft)				9.52				
Drawdown (ft)				0.01				

MISCELLANEOUS DATA

Condition of Traffic Box:	Good
Drum Identification labeling:	**Non-Hazardous Waste**
Water Level Indicator:	**Solinst Model 101**
Weather Conditions:	Clear

Comments: Sampled at: 1200

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

9.41 + 0.2 * 0.1 = 9.43

0082

50g 1.72g
29m 1ml

Rincon Consultants, Inc.
GROUND WATER SAMPLING/PURGING DATA SHEET

Job No:	15-01587	Date:	8/24/18
Project/Location	Malibu, CA Civic Center Area	Well Number:	MCWP-MW05
Observation Period	Start: 0815 Stop: 1100	Survey Reference Point:	TOC
Sampled By:	~~Peter Shellenbarger~~ RT	Witnessed By:	—

PURGING DATA

Type of Pump	Elect. Sub	Pump Inlet Depth (ft)	140
Well Diameter (in)	4	Depth of Well (ft)	150.65
Initial/Static Depth to Water (ft)	7.50	Length of Water Column (ft)	143.15
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.65
One Casing Volume (gal)	93.04	Three Casing Volumes (gal)	279.1
Purge Time, Start	0823	Purge Time, Stop	1100
Total Purge Time (minutes)	157	Purge Rate (gpm)	1.8
Purge Volume (gal)	279.5	Depth to Water (ft) at Sampling	7.51

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	93.0	186.0	279.5				At Sampling
TDS (ppm)	1222	1274	1263	1246				
Turbidity (measured or visual) cloudy, clear, muddy	1.79	1.54	1.76	1.52				
Temperature (C)	19.4	20.9	19.8	20.4				
Conductivity (micromhos)	1668	1778	1740	1745				
pH	6.8	6.95	7.09	6.97				
Dissolved Oxygen (mg/L & %)	9.56/104.5	9.12/102.6	9.46/104.1	9.24/103				
Comments:								
Depth to Water at End of Purge (ft)				7.64				
Drawdown (ft)				0.14				

MISCELLANEOUS DATA

Condition of Traffic Box:	
Drum Identification labeling:	**Non-Hazardous Waste**
Water Level Indicator:	**Solinst Model 101**
Weather Conditions:	

Comments: Sampled at: 1100

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

7.50 + 0.2 * 0.14 = 7.52

Rincon Consultants, Inc.
GROUND WATER SAMPLING/PURGING DATA SHEET

Job No:	15-01587	Date:	8-23-18
Project/Location	Malibu, CA Civic Center Area	Well Number:	MCWP-MW06
Observation Period	Start: 0530 Stop: 0930	Survey Reference Point:	TOC
Sampled By:	Peter ~~Shellenbarger~~ PETER DORAN	Witnessed By:	—

PURGING DATA

Type of Pump	ELECT. SUB.	Pump Inlet Depth (ft)	130'
Well Diameter (in)	2	Depth of Well (ft)	136.78
Initial/Static Depth to Water (ft)	9.78	Length of Water Column (ft)	127.00
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	20.3	Three Casing Volumes (gal)	60.9
Purge Time, Start	0855	Purge Time, Stop	0925
Total Purge Time (minutes)	30	Purge Rate (gpm)	2.0
Purge Volume (gal)	61.0	Depth to Water (ft) at Sampling	9.80

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	20.5	41.0	61.0				At Sampling
TDS (ppm)	1470	1334	1326	1323				
Turbidity (measured or visual) cloudy, clear, muddy	8.2	4.2	3.1	2.6				
Temperature (C)	20.3	21.1	20.9	20.9				
Conductivity (micromhos)	2997	2764	2660	2647				
pH	7.36	7.36	7.38	7.38				
Dissolved Oxygen (mg/L & %)	1.82/18.4	1.42/15.2	1.34/14.8	1.30/14.5				
Comments:								
Depth to Water at End of Purge (ft)				10.03				
Drawdown (ft)				0.25				

MISCELLANEOUS DATA

Condition of Traffic Box:	GOOD
Drum Identification labeling:	**Non-Hazardous Waste**
Water Level Indicator:	**Solinst Model 101**
Weather Conditions:	CLEAR

Comments:

Sampled at: 0930

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

9.78 + 0.2 * 0.25 = 9.83

Rincon Consultants, Inc.
GROUND WATER SAMPLING/PURGING DATA SHEET

Job No:	15-01587	Date:	8·20·15
Project/Location	Malibu, CA Civic Center Area	Well Number:	MCWP-MW07S
Observation Period	Start: 0700 Stop: 1230	Survey Reference Point:	TOC
Sampled By:	~~Peter Shellenbarger~~ R. DORAN	Witnessed By:	—

PURGING DATA

Type of Pump	HA	Pump Inlet Depth (ft)	—
Well Diameter (in)	2	Depth of Well (ft)	17.20
Initial/Static Depth to Water (ft)	5.72	Length of Water Column (ft)	11.48
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	1.8	Three Casing Volumes (gal)	5.5
Purge Time, Start	1215	Purge Time, Stop	1225
Total Purge Time (minutes)	10	Purge Rate (gpm)	0.2
Purge Volume (gal)	2.0	Depth to Water (ft) at Sampling	5.72

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	2.0						6.2 At Sampling
TDS (ppm)	943	943						1228
Turbidity (measured or visual) cloudy, clear, muddy	624	871	WELL SEDIMENT					23.0
Temperature (C)	23.0	22.6	C					22.2
Conductivity (micromhos)	1892	1888	2.0					1792
pH	7.61	7.64						7.18
Dissolved Oxygen (mg/L & %)	1.73/21.0	2.83/31.9						8.91/103.0
Comments:								
			Depth to Water at End of Purge (ft)	17.0				
			Drawdown (ft)	11.28				

MISCELLANEOUS DATA

Condition of Traffic Box:	Good
Drum Identification labeling:	**Non-Hazardous Waste**
Water Level Indicator:	**Solinst Model 101**
Weather Conditions:	Clear

Comments:

Sampled at: 0925 8.21.15

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

5.72 + 0.2 * 11.28 = 5.80

Rincon Consultants, Inc.
GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587	Date: 9.21.19
Project/Location Malibu, CA Civic Center Area	Well Number: MCWP-MW07D
Observation Period Start: 0900 Stop: 1100	Survey Reference Point: TOC
Sampled By: ~~Peter Shellenbarger~~ P DORAN	Witnessed By: —

PURGING DATA

Type of Pump	Elect. Sub.	Pump Inlet Depth (ft)	125
Well Diameter (in)	2	Depth of Well (ft)	129.60
Initial/Static Depth to Water (ft)	7.81	Length of Water Column (ft)	120.79
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	19.3	Three Casing Volumes (gal)	57.9
Purge Time, Start	0920	Purge Time, Stop	1055
Total Purge Time (minutes)	95	Purge Rate (gpm)	0.6
Purge Volume (gal)	58.0	Depth to Water (ft) at Sampling	7.82

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	19.5	39.0	58.0				At Sampling
TDS (ppm)	1639	1775	1782	1788				
Turbidity (measured or visual) cloudy, clear, muddy	>1000	57.6	18.1	15.6				
Temperature (C)	22.3	23.7	23.4	23.4				
Conductivity (micromhos)	3282	3568	3562	3561				
pH	7.44	7.27	7.27	7.28				
Dissolved Oxygen (mg/L & %)	0.84/9.6	0.42/4.9	0.38/3.9	0.36/3.9				
Comments:								
Depth to Water at End of Purge (ft)				8.12				
Drawdown (ft)				0.31				

MISCELLANEOUS DATA

Condition of Traffic Box: Good

Drum Identification labeling: **Non-Hazardous Waste**

Water Level Indicator: **Solinst Model 101**

Weather Conditions: CLEAR

Comments: Sampled at: 1100

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

7.81 + 0.2 * 0.31 = 7.87

Rincon Consultants, Inc.
GROUND WATER SAMPLING/PURGING DATA SHEET

Job No:	15-01587	Date:	8/22
Project/Location	Malibu, CA Civic Center Area	Well Number:	MCWP - MW09
Observation Period	Start: 1045 Stop:	Survey Reference Point:	TOC
Sampled By:	~~Peter Shellenbarger~~ P.D	Witnessed By:	Peter D., Michelle C.

PURGING DATA

Type of Pump	Elect. Sub.	Pump Inlet Depth (ft)	86'
Well Diameter (in)	2	Depth of Well (ft)	89.20
Initial/Static Depth to Water (ft)	5.74	Length of Water Column (ft)	83.46
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	13.35	Three Casing Volumes (gal)	40.1
Purge Time, Start	~~1054~~ 1040	Purge Time, Stop	1104
Total Purge Time (minutes)	24	Purge Rate (gpm)	1.7
Purge Volume (gal)	40.5	Depth to Water (ft) at Sampling	5.75

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	13.5	27	40.5				At Sampling
TDS (ppm)	1924	2444	2462	2394				
Turbidity (measured or visual) cloudy, clear, muddy	5.3	91.6	108	45.6				
Temperature (C)	22.4	21.8	21.7	21.8				
Conductivity (micromhos)	2812	3536	3557	3460				
pH	7.36	7.28	7.31	7.35				
Dissolved Oxygen (mg/L & %)	8.79/102.3	8.96/103.3	8.97/103.3	8.97/103.3				
Comments:								
Depth to Water at End of Purge (ft)				6.76				
Drawdown (ft)				1.02				

MISCELLANEOUS DATA

Condition of Traffic Box:	Good
Drum Identification labeling:	**Non-Hazardous Waste**
Water Level Indicator:	**Solinst Model 101**
Weather Conditions:	Clear

Comments:

Sampled at: 1130

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

5.74 + 0.2 * 1.02 = 5.94

Rincon Consultants, Inc.
GROUND WATER SAMPLING/PURGING DATA SHEET

Job No:	15-01587	Date:	9.24.14
Project/Location	Malibu, CA Civic Center Area	Well Number:	MCWP-MW 10
Observation Period	Start: 0945 Stop: 0900	Survey Reference Point:	TOC
Sampled By:	~~Peter Shellenbarger~~ P. DORAN	Witnessed By:	—

PURGING DATA

Type of Pump	Elect. Sub.	Pump Inlet Depth (ft)	21'
Well Diameter (in)	2	Depth of Well (ft)	22.16
Initial/Static Depth to Water (ft)	5.56	Length of Water Column (ft)	16.60
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	2.65	Three Casing Volumes (gal)	7.9
Purge Time, Start	0950	Purge Time, Stop	0958
Total Purge Time (minutes)	8	Purge Rate (gpm)	1.0
Purge Volume (gal)	8.0	Depth to Water (ft) at Sampling	5.56

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	3.0	5.5	8.0				At Sampling
TDS (~~ppm~~) ppt	2.18	2.12	2.10	2.09				
Turbidity (measured or visual) cloudy, clear, muddy	42.6	22.9	16.4	12.4				
Temperature (C)	22.1	22.1	22.2	22.2				
Conductivity (~~micromhos~~) mS	4.12	4.02	3.99	3.94				
pH	7.03	7.17	7.19	7.22				
Dissolved Oxygen (mg/L & %)	1.87/21.3	3.79/38.1	4.11/42.6	4.18/49.3				
Comments:								
Depth to Water at End of Purge (ft)				5.57				
Drawdown (ft)				0.01				

MISCELLANEOUS DATA

Condition of Traffic Box:	Good
Drum Identification labeling:	**Non-Hazardous Waste**
Water Level Indicator:	**Solinst Model 101**
Weather Conditions:	Clear

Comments: Sampled at: 0900

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

5.56 + 0.2 * 0.01 = 5.56

Rincon Consultants, Inc.
GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587		Date: 3.24.15	
Project/Location Malibu, CA Civic Center Area		Well Number: CCPE	
Observation Period Start: 0935	Stop: 1000	Survey Reference Point: (TOC)	
Sampled By: ~~Peter Shellenbarger~~ Q. DORAN		Witnessed By: —	

PURGING DATA

Type of Pump	Elect. Sub.	Pump Inlet Depth (ft)	50'
Well Diameter (in)	2	Depth of Well (ft)	52.28
Initial/Static Depth to Water (ft)	5.45	Length of Water Column (ft)	46.83
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	7.5	Three Casing Volumes (gal)	22.5
Purge Time, Start	0940	Purge Time, Stop	0955
Total Purge Time (minutes)	15	Purge Rate (gpm)	1.4
Purge Volume (gal)	22.5	Depth to Water (ft) at Sampling	5.47

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	7.5	15.0	22.5				At Sampling
TDS (~~ppm~~) PPT	1.16	1.58	1.61	1.63				
Turbidity (measured or visual) cloudy, clear, muddy	14.6	4.5	4.1	3.6				
Temperature (C)	20.8	20.3	20.2	20.2				
Conductivity (~~micromhos~~) MS	2.20	3.04	3.06	3.08				
pH	7.52	7.37	7.36	7.36				
Dissolved Oxygen (mg/L & %)	2.07/23.4	2.01/22.1	1.98/21.8	1.95/21.4				
Comments:								
Depth to Water at End of Purge (ft)				5.60				
Drawdown (ft)				0.15				

MISCELLANEOUS DATA

Condition of Traffic Box:	Good
Drum Identification labeling:	**Non-Hazardous Waste**
Water Level Indicator:	**Solinst Model 101**
Weather Conditions:	Clear.

Comments: Sampled at: 1000

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

5.45 + 0.2 * 0.15 = 5.48

Table 1

Groundwater Monitoring Well Construction MICHELLE CARTER

	Well ID	Total Well Depth (ft bTOC)	Well Diameter (in)	TOC Elevation (ft amsl)	Depth to Water ~~1/22/2018~~ 9/17/2018	Time	Depth to Water 8/24/2015 (ft bTOC)
1	C-1	14.5	n/a	11.47	5.2	1120	n/a
2	C-2	14.5	2	11.19	5.06	1110	5.11
3	CCPE	20	2	12.935	5.49	1440	5.76
4	CCPNE		2	13.675	6.17	1436	6.44
5	CCPSW		2	13.67	6.09	1506	6.29
6	CCW-4		1	15.765	6.83	1417	6.5
7	GH6-M1	35	2		28.16		28.92
8	GH8-M3	40	2		27.76	1228	28.37
9	GH9-M4	45	2		— BURIED	—	30.31
10	Lagoon		n/a		—	—	n/a
11	LAMW-5S	20	4	104.55	53.0	1320	53.71
12	M6-1	45	2		6.6	1250	6.61
13	M6-2	20	2		5.5	1251	5.76
14	M7-1	40	2		8.17	1256	8.09
15	M7-2	25	2		7.88	1258	7.78
16	MBCMW-5	19.4	n/a	29.03	— BURIED	—	n/a
17	MBCMW-6	64.26	n/a	29.02	— BURIED	—	n/a
18	MBCMW-7	52.5	2	16.635	11.02	1348	11.26
19	MBCMW-8	10	2	16.53	9.0	1345	9.11
20	MBCMW-9	10	2	17.71	8.4	1420	8.7
21	MBCMW-10	53	2	17.74	8.3	1421	8.63
22	MCWP-MW01	148	6		10.50	1336	10.22
23	MCWP-MW02	145	6	18.06	10.45	1517	10.39
24	MCWP-MW03	134	6		7.81	0956	7.65
25	MCWP-MW04D	148	4		9.20	1332	9.35
26	MCWP-MW04S	20	4		7.33	1330	7.55
27	MCWP-MW05	158	4		7.41 ~~152.89~~	0934	7.62
28	MCWP-MW06	153	2		9.6	1510	9.87
29	MCWP-MW07D	134	2		7.73	1005	7.51
30	MCWP-MW07S	20	2		5.76	1000	6.76
31	MCWP-MW08	77	2		7.57	1041	7.64
32	MCWP-MW09	95	2	16.3	5.77	1030	7.52
33	MCWP-MW10	60	2		5.51	1100	5.7
34	P-4	12.5	4	12.155	4.8	1500	4.58
35	P-9	14.3	4	12.165	4.8	1448	5.07
36	SMBRP-2	25	2	13.131	5.75	1148	6.04
37	SMBRP-6	25	2	26.875	— DOG	1210	16.49
38	SMBRP-7b	45	2	18.985	10.76	0950	10.69
39	SMBRP-8 (EG-RC	60	4		28.0	1307	28.74
40	SMBRP-9	45	2	50.32	37.3 ~~44.97~~	0920	38.24
41	SMBRP-10C	25	2	16.25	7.45	1314	7.37
42	SMBRP-11	20	2	18.35	8.33	1010	8.88
43	SMBRP-12	25	2	12.615	6.63	1025	5.69
44	SMBRP-13	20	2	13.58	8.33	1037	8.32
45	SMBRP-15b	25	1	16.765	DRY	1047	dry, recorded depth 8.77
46	SMBRP-16	25	2	14.5	~~BURIED~~ covered	—	4.95

Table 1

Groundwater Monitoring Well Construction Details

Well ID	Total Well Depth (ft bTOC)	Well Diameter (in)	TOC Elevation (ft amsl)	Depth to Water 10/4/2018	Time	Depth to Water 8/24/2015 (ft bTOC)	Wellhead Condition/ Notes
C-1	14.5	n/a	11.47	5.29	1305	n/a	
C-2	14.5	2	11.19	5.18	1300	5.11	
CCPE	20	2	12.94	5.66	1045	5.76	
CCPNE		2	13.68	6.45	1050	6.44	
CCPSW		2	13.67	6.21	1056	6.29	
CCW-4		1	15.77	6.93	943	6.50	
GH6-M1	35	2		28.42	1200	28.92	
GH8-M3	40	2		—	—	28.37	*
GH9-M4	45	2		—	—	30.31	*
LAMW-5S	20	4	104.55	52.92	927	53.71	
M6-1	45	2		6.75	1212	6.61	
M6-2	20	2		5.72	1211	5.76	
M7-1	40	2		8.36	1207	8.09	
M7-2	25	2		8.05	1208	7.78	
MBCMW-5	19.4	n/a	29.03	N/A	—	n/a	
MBCMW-6	64.26	n/a	29.02	N/A	—	n/a	
MBCMW-7	52.5	2	16.64	10.87	933	11.26	
MBCMW-8	10	2	16.53	9.29	935	9.11	
MBCMW-9	10	2	17.71	8.52	951	8.70	
MBCMW-10	53	2	17.74	8.35	950	8.63	
MCWP-MW01	148	6	17.90	10.27	1112	10.22	
MCWP-MW02	145	6	18.06	10.30	1056	10.39	
MCWP-MW03	134	6		8.06	1024	7.65	
MCWP-MW04D	148	4		9.44	1110	9.35	
MCWP-MW04S	20	4		7.65	1108	7.55	
MCWP-MW05	158	4		7.51	959	7.62	
MCWP-MW06	153	2		9.75	1100	9.87	
MCWP-MW07D	134	2		7.91	1125	7.51	
MCWP-MW07S	20	2		5.98	1127	6.76	
MCWP-MW08	77	2		7.80	1236	7.64	
MCWP-MW09	95	2	16.30	7.08	1230	7.52	
MCWP-MW10	60	2		5.63	1350	5.70	
P-4	12.5	4	12.16	4.75	1037	4.58	
P-9	14.3	4	12.17	4.98	1040	5.07	
SMBRP-2	25	2	13.13	5.72	1032	6.04	
SMBRP-6	25	2	26.88	16.17	1025	16.49	
SMBRP-7B	45	2	18.99	10.78	1330	10.69	
SMBRP-8 (EG-RC MW01)	60	4		29.39	920	28.74	
SMBRP-9	45	2	50.32	37.57	915	38.24	
SMBRP-10C	25	2	16.25	7.65	925	7.37	
SMBRP-11	20	2	18.35	8.50	1129	8.88	
SMBRP-12	25	2	12.62	5.99	1229	5.69	
SMBRP-13	20	2	13.58	8.79	1235	8.32	
SMBRP-15B	25	1	16.77	DRY	1245	Dry	
SMBRP-16	25	2	14.50	5.23	930	4.95	

* City GRADED AREA, WELLS HAVE BEEN BURIED AND UNABLE TO LOCATE.

Table 1

Groundwater Monitoring Well Construction Details

Well ID	Total Well Depth (ft bTOC)	Well Diameter (in)	TOC Elevation (ft amsl)	Depth to Water 11/5/2018	Time	Depth to Water 8/24/2015 (ft bTOC)	Wellhead Condition/ Notes
C-1	14.5	n/a	11.47	5.26	1415	n/a	
C-2	14.5	2	11.19	5.2	1254	5.11	
CCPE	20	2	12.94	5.62	1155	5.76	
CCPNE		2	13.68	6.3	1153	6.44	
CCPSW		2	13.67	6.19	1210	6.29	
CCW-4		1	15.77	7.0	1042	6.50	
GH6-M1	35	2		~~28.67~~		28.92	
GH8-M3	40	2		~~28.20~~	—	28.37	*
GH9-M4	45	2		—	—	30.31	*
LAMW-5S	20	4	104.55	54.33	1114	53.71	79.5
M6-1	45	2		6.6	1014	6.61	
M6-2	20	2		5.8	1013	5.76	
M7-1	40	2		8.4	0958	8.09	~~8.4~~
M7-2	25	2		8.0	0959	7.78	~~8.0~~
MBCMW-5	19.4	n/a	29.03	—	—	n/a	
MBCMW-6	64.26	n/a	29.02	—	—	n/a	
MBCMW-7	52.5	2	16.64	10.74	1102	11.26	
MBCMW-8	10	2	16.53	9.29	1103	9.11	
MBCMW-9	10	2	17.71	8.5		8.70	1028
MBCMW-10	53	2	17.74	8.25		8.63	1027
MCWP-MW01	148	6	17.90	10.05	1047	10.22	
MCWP-MW02	145	6	18.06	10.6	1333	10.39	
MCWP-MW03	134	6		7.02	0838	7.65	
MCWP-MW04D	148	4		9.2	1050	9.35	147.3
MCWP-MW04S	20	4		18.2	1056	7.55	20.4
MCWP-MW05	158	4		7.3	1032	7.62	
MCWP-MW06	153	2		9.85	1331	9.87	
MCWP-MW07D	134	2		6.91	0841	7.51	128.42
MCWP-MW07S	20	2		5.76	0847	6.76	17.03
MCWP-MW08	77	2		7.79	1138	7.64	
MCWP-MW09	95	2	16.30	~~7.29~~ 5.83	1127	7.52	89.2
MCWP-MW10	60	2		~~8.25~~ 5.64	1243	5.70	~~1027~~
P-4	12.5	4	12.16	5.0	1203	4.58	
P-9	14.3	4	12.17	5.0	1205	5.07	
SMBRP-2	25	2	13.13	5.9	1310	6.04	
SMBRP-6	25	2	26.88	15.8	1323	16.49	
SMBRP-7B	45	2	18.99	10.7	1038	10.69	~~10~~
SMBRP-8 (EG-RC MW01)	60	4		29.6	0929	28.74	
SMBRP-9	45	2	50.32	37.89	0924	38.24	44.97
SMBRP-10C	25	2	16.25	7.75	1100	7.37	
SMBRP-11	20	2	18.35	8.3	0907	8.88	20.15
SMBRP-12	25	2	12.62	~~7.29~~ 5.88	1127	5.69	24.85
SMBRP-13	20	2	13.58	8.78	1139	8.32	
SMBRP-15B	25	1	16.77	DRY	1304	Dry	DRY
SMBRP-16	25	2	14.50	5.4	1022	4.95	

* UNABLE TO LOCATE.

Rincon Consultants, Inc.
GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587	Date: 11.5.18
Project/Location Malibu, CA Civic Center Area	Well Number: LAMW-5S
Observation Period Start: 0915 Stop: 1110	Survey Reference Point: (TOC)
Sampled By: ~~Peter Shellenbarger~~ PETER DORTON	Witnessed By: —

PURGING DATA

Type of Pump	Elect. Sub.	Pump Inlet Depth (ft)	74'
Well Diameter (in)	4	Depth of Well (ft)	74.19
Initial/Static Depth to Water (ft)	51.95	Length of Water Column (ft)	22.24
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	~~0.16~~ 0.65
One Casing Volume (gal)	14.5	Three Casing Volumes (gal)	43.4
Purge Time, Start	0922	Purge Time, Stop	0952
Total Purge Time (minutes)	30	Purge Rate (gpm)	1.0
Purge Volume (gal)	29	Depth to Water (ft) at Sampling	51.96

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	14.5	29					At Sampling
TDS (ppm)	539	534	547	WELL DEWATERED @				467
Turbidity (measured or visual) cloudy, clear, muddy	36	41	53	29 GALLONS				64
Temperature (C)	22.3	22.7	22.8					23.6
Conductivity (micromhos)	1078	1066	1094					956
pH	6.99	6.97	6.95					7.12
Dissolved Oxygen (mg/L & %)	2.3/26	2.3/26	1.9/22					2.2/24
Comments:								
				Depth to Water at End of Purge (ft)	74.02			
				Drawdown (ft)	22.07			

MISCELLANEOUS DATA

Condition of Traffic Box: brown

Drum Identification labeling: **Non-Hazardous Waste**

Water Level Indicator: **Solinst Model 101**

Weather Conditions: clear

Comments: Sampled at: 1100 11.6.18

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

51.95 + 0.2 * 22.07 = 56.36

Rincon Consultants, Inc.
GROUND WATER SAMPLING/PURGING DATA SHEET

Job No:	15-01587	Date:	11-05-12
Project/Location	Malibu, CA Civic Center Area	Well Number:	SMBRP-9
Observation Period	Start: 1040 Stop: 1100	Survey Reference Point:	(TOC)
Sampled By:	~~Peter Shellenbarger~~ P. DORAN	Witnessed By:	—

PURGING DATA

Type of Pump	HAND BAIL	Pump Inlet Depth (ft)	—
Well Diameter (in)	2	Depth of Well (ft)	45.02
Initial/Static Depth to Water (ft)	37.95	Length of Water Column (ft)	7.07
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	1.1	Three Casing Volumes (gal)	3.4
Purge Time, Start	1045	Purge Time, Stop	1055
Total Purge Time (minutes)	10	Purge Rate (gpm)	0.2
Purge Volume (gal)	2.0	Depth to Water (ft) at Sampling	37.9

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	1.5						At Sampling
TDS (ppm)	1505	1483	WELL					1485
Turbidity (measured or visual) cloudy, clear, muddy	628	7000	DEWATERED					CLOUDY
Temperature (C)	22.2	22.5	@2.0 GAL.					23.5
Conductivity (micromhos)	3024	2966						2958
pH	7.35	7.35						7.41
Dissolved Oxygen (mg/L & %)	2.7/32	3.9/45						8.1/97
Comments:								
				Depth to Water at End of Purge (ft)	44.76			
				Drawdown (ft)	6.91			

MISCELLANEOUS DATA

Condition of Traffic Box:	(700D)
Drum Identification labeling:	**Non-Hazardous Waste**
Water Level Indicator:	**Solinst Model 101**
Weather Conditions:	CLEAR.

Comments: Sampled at: 0850

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

37.95 + 0.2 * 6.91 = 39.31

Rincon Consultants, Inc.
GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587	Date: 11-5-18
Project/Location Malibu, CA Civic Center Area	Well Number: SMBRP-11
Observation Period Start: 1110 Stop: 1135	Survey Reference Point: (TOC)
Sampled By: ~~Peter Shellenbarger~~ R. Dora	Witnessed By: -

PURGING DATA

Type of Pump	Hand Bail	Pump Inlet Depth (ft)	—
Well Diameter (in)	2	Depth of Well (ft)	20.20
Initial/Static Depth to Water (ft)	8.35	Length of Water Column (ft)	11.85
Product Thickness (ft)	-	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	1.9	Three Casing Volumes (gal)	5.68
Purge Time, Start	1112	Purge Time, Stop	1130
Total Purge Time (minutes)	18	Purge Rate (gpm)	0.25
Purge Volume (gal)	4.5	Depth to Water (ft) at Sampling	8.31

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	2.0	4.0					At Sampling
TDS (ppm)	1312	1320	1324	WBI				1258
Turbidity (measured or visual) cloudy, clear, muddy	>1000	>1000	>1000	DEWATERED @ 4.5 GAL.				CLEAR
Temperature (C)	22.7	22.8	22.8					26.5
Conductivity (micromhos)	2622	2641	2647					2529
pH	7.17	7.16	7.16					7.35
Dissolved Oxygen (mg/L & %)	5.3/62	5.7/65	5.9/68					8.0/100
Comments:								
				Depth to Water at End of Purge (ft)	19.41			
				Drawdown (ft)	11.41			

MISCELLANEOUS DATA

Condition of Traffic Box: GOOD, 1/2 TABS BROKEN

Drum Identification labeling: **Non-Hazardous Waste**

Water Level Indicator: **Solinst Model 101**

Weather Conditions: CLEAR.

Comments: Sampled at: 1040

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

8.35 + 0.2 * 11.41 = 10.63

Rincon Consultants, Inc.
GROUND WATER SAMPLING/PURGING DATA SHEET

Job No:	15-01587	Date:	11.6.18
Project/Location	Malibu, CA Civic Center Area	Well Number:	SMTBRP-12
Observation Period	Start: 0915 Stop: 1040	Survey Reference Point:	(TOC)
Sampled By:	~~Peter Shellenbarger~~ P. DORAN	Witnessed By:	—

PURGING DATA

Type of Pump	Elect. Sub.	Pump Inlet Depth (ft)	22'
Well Diameter (in)	2	Depth of Well (ft)	24.82
Initial/Static Depth to Water (ft)	7.25	Length of Water Column (ft)	17.57
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	2.8	Three Casing Volumes (gal)	8.4
Purge Time, Start	1020	Purge Time, Stop	1028
Total Purge Time (minutes)	8	Purge Rate (gpm)	1.0
Purge Volume (gal)	9.5	Depth to Water (ft) at Sampling	7.25

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	3.0	6.0	8.5				At Sampling
TDS (ppm)	1042	1311	1342	1350				→
Turbidity (measured or visual) cloudy, clear, muddy	>1000	>1000	>1000	>1000				→
Temperature (C)	25.0	24.9	24.7	24.6				→
Conductivity (micromhos)	2086	2668	2691	2692				→
pH	6.94	6.92	6.90	6.88				→
Dissolved Oxygen (mg/L & %)	1.2/12	1.4/15	1.8/17	1.9/19				→
Comments:								
Depth to Water at End of Purge (ft)				7.30				
Drawdown (ft)				0.05				

MISCELLANEOUS DATA

Condition of Traffic Box:	Good
Drum Identification labeling:	**Non-Hazardous Waste**
Water Level Indicator:	**Solinst Model 101**
Weather Conditions:	Clear

Comments: Sampled at: 1030

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

7.25 + 0.2 * 0.05 = 7.26

Rincon Consultants, Inc.
GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587	Date: 11-5-18
Project/Location Malibu, CA Civic Center Area	Well Number: MCWP-MW04S
Observation Period Start: 1012 Stop: 1035	Survey Reference Point: (TOC)
Sampled By: ~~Peter Shellenberger~~ P. Doran	Witnessed By: —

PURGING DATA

Type of Pump	Elect. Sub.	Pump Inlet Depth (ft)	20'
Well Diameter (in)	4	Depth of Well (ft)	20.42
Initial/Static Depth to Water (ft)	7.72	Length of Water Column (ft)	12.70
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.65
One Casing Volume (gal)	8.2	Three Casing Volumes (gal)	24.76
Purge Time, Start	1015	Purge Time, Stop	1030
Total Purge Time (minutes)	15	Purge Rate (gpm)	1.0
Purge Volume (gal)	15	Depth to Water (ft) at Sampling	11.65 *

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	8.5						At Sampling
TDS ~~(ppm)~~ (ppt)	4.13	3.25						3.32
Turbidity (measured or visual) cloudy, clear, muddy	621	244	WELL					CLOUDY
Temperature (C)	23.0	24.0	DEWATERED					28.6
Conductivity (micromhos) mS	8.26	6.49	@15					6.64
pH	7.51	7.23						7.56
Dissolved Oxygen (mg/L & %)	0.5/6	0.7/9						7.6/100
Comments:								
				Depth to Water at End of Purge (ft)	20.04			
				Drawdown (ft)	12.32			

MISCELLANEOUS DATA

Condition of Traffic Box: GOOD

Drum Identification labeling: **Non-Hazardous Waste**

Water Level Indicator: **Solinst Model 101**

Weather Conditions: CLEAR.

Comments: Sampled at: 1130 (11-6-18)

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery * 72H HR.

7.72 + 0.2 * 12.32 = 10.18

Rincon Consultants, Inc.
GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587	Date: 11-7-18
Project/Location Malibu, CA Civic Center Area	Well Number: MCWP - MW04D
Observation Period Start: 1015 Stop: 1250	Survey Reference Point: TOC
Sampled By: ~~Peter Shellenbarger~~ P. Doran	Witnessed By: MC

PURGING DATA

Type of Pump	GRUNDFOS	Pump Inlet Depth (ft)	
Well Diameter (in)	4	Depth of Well (ft)	147.30
Initial/Static Depth to Water (ft)	9.20	Length of Water Column (ft)	138.10
Product Thickness (ft)	-	Volume Multiplier (gal/ft)	0.65
One Casing Volume (gal)	89.8	Three Casing Volumes (gal)	269.3
Purge Time, Start	1030	Purge Time, Stop	1235
Total Purge Time (minutes)	125	Purge Rate (gpm)	2.2
Purge Volume (gal)	269.5	Depth to Water (ft) at Sampling	9.20

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	90.0	179.5	269.5				At Sampling
TDS (ppm)	1187	1134	1140	1135				→
Turbidity (measured or visual) cloudy, clear, muddy	CLOUDY	SLIGHTLY CLOUDY	CLEAR	CLEAR				→
Temperature (C)	~~7.49~~ 21.9	20.8	20.4	20.5				→
Conductivity (micromhos) µS	2370	2279	2266	2274				→
pH	7.49	7.23	7.28	7.28				→
Dissolved Oxygen (mg/L & %)	0.5 / 6	0.9 / 10	1.3 / 15	0.9 / 10				→
Comments:								
Depth to Water at End of Purge (ft)				9.25				
Drawdown (ft)				0.05				

MISCELLANEOUS DATA

Condition of Traffic Box:	GOOD
Drum Identification labeling:	**Non-Hazardous Waste**
Water Level Indicator:	**Solinst Model 101**
Weather Conditions:	CLEAR

Comments: Sampled at: 1235

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

9.20 + 0.2 * 0.05 = 9.21

Rincon Consultants, Inc.
GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587	Date: 11.7.18
Project/Location Malibu, CA Civic Center Area	Well Number: MCWP - MW07S
Observation Period Start: 0830 Stop: 0930	Survey Reference Point: (TOC)
Sampled By: ~~Peter Shellenberger~~ P.DORAN.	Witnessed By: MC

PURGING DATA

Type of Pump	HAND BAIL	Pump Inlet Depth (ft)	—
Well Diameter (in)	2	Depth of Well (ft)	17.03
Initial/Static Depth to Water (ft)	5.76	Length of Water Column (ft)	11.27
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	1.8	Three Casing Volumes (gal)	5.4
Purge Time, Start	0840	Purge Time, Stop	0900
Total Purge Time (minutes)	20	Purge Rate (gpm)	0.25
Purge Volume (gal)	5.5	Depth to Water (ft) at Sampling	7.63

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	2.0	4.0	5.5				At Sampling
TDS (ppm)	1015	950	970	947				924
Turbidity (measured or visual) cloudy, clear, muddy	CLEAR	CLOUDY	CLOUDY/ BROWN	CLOUDY/ BROWN				CLEAR
Temperature (C)	20.8	21.8	22.6	25.0				24.7
Conductivity (micromhos) uS	2032	1896	1942	1890				1848
pH	7.56	7.77	7.90	8.0				7.74
Dissolved Oxygen (mg/L & %)	8.8/99	8.4/97	8.3/97	7.7/94				2.8/33
Comments:								
Depth to Water at End of Purge (ft)				15.12				
Drawdown (ft)				9.36				

MISCELLANEOUS DATA

Condition of Traffic Box: (700)

Drum Identification labeling: **Non-Hazardous Waste**

Water Level Indicator: **Solinst Model 101**

Weather Conditions: CLEAR

Comments: Sampled at: 0925

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

5.76 + 0.2 * 9.36 = 7.63

Rincon Consultants, Inc.
GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587	Date: 11.7.18
Project/Location Malibu, CA Civic Center Area	Well Number: MCWP-MW07D
Observation Period Start: 0830 Stop: 0935	Survey Reference Point: (TOC)
Sampled By: ~~Peter Shellenberger~~ P. DORAN	Witnessed By: —

PURGING DATA

Type of Pump	GRUNDFOS	Pump Inlet Depth (ft)	125
Well Diameter (in)	2	Depth of Well (ft)	128.42
Initial/Static Depth to Water (ft)	6.91	Length of Water Column (ft)	121.51
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	19.44	Three Casing Volumes (gal)	58.3
Purge Time, Start	0850	Purge Time, Stop	0925
Total Purge Time (minutes)	35	Purge Rate (gpm)	1.7
Purge Volume (gal)	58.5	Depth to Water (ft) at Sampling	6.91

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	19.5	39.0	58.5				At Sampling
TDS (ppm)	1173	1250	1250	1267				→
Turbidity (measured or visual) cloudy, clear, muddy	1.9	1.4	1.2	1.1				→
Temperature (C)	21.6	21.6	21.7	21.7				→
Conductivity (micromhos)	2351	2498	2562	2576				→
pH	7.10	7.04	6.96	6.94				→
Dissolved Oxygen (mg/L & %)	0.9 / 10	0.7 / 8	0.7 / 7	0.6 / 7				→
Comments:								
Depth to Water at End of Purge (ft)				6.98				
Drawdown (ft)				0.07				

MISCELLANEOUS DATA

Condition of Traffic Box: Good

Drum Identification labeling: **Non-Hazardous Waste**

Water Level Indicator: **Solinst Model 101**

Weather Conditions: Clear

Comments: Sampled at: 0930

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

6.91 + 0.2 * 0.07 = 6.92

Rincon Consultants, Inc.
GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587	Date: 11-6-19
Project/Location Malibu, CA Civic Center Area	Well Number: MCWP-9MW09
Observation Period Start: 0900 Stop: 1025	Survey Reference Point: (TOC)
Sampled By: ~~Peter Shellenbarger~~ P. Dorn	Witnessed By: —

PURGING DATA

Type of Pump	Elect. Sub.	Pump Inlet Depth (ft)	881
Well Diameter (in)	2	Depth of Well (ft)	89.32
Initial/Static Depth to Water (ft)	5.22	Length of Water Column (ft)	84.10
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	13.4	Three Casing Volumes (gal)	40.4
Purge Time, Start	0920	Purge Time, Stop	1000
Total Purge Time (minutes)	40	Purge Rate (gpm)	1.0
Purge Volume (gal)	40.5	Depth to Water (ft) at Sampling	5.22

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	13.5	27.0	40.5				At Sampling
TDS (ppm)	1552	1518	1497	1493				→
Turbidity (measured or visual) cloudy, clear, muddy	3.6	2.1	1.7	2.0				→
Temperature (C)	21.6	21.9	21.8	21.8				→
Conductivity (micromhos)	3099	3036	2995	2953				→
pH	7.03	7.01	6.97	6.96				→
Dissolved Oxygen (mg/L & %)	0.6/6	0.4/5	0.3/5	0.3/4				→
Comments:								
Depth to Water at End of Purge (ft)				5.80				
Drawdown (ft)				0.58				

MISCELLANEOUS DATA

Condition of Traffic Box:	1/2 TABS BROKEN.
Drum Identification labeling:	**Non-Hazardous Waste**
Water Level Indicator:	**Solinst Model 101**
Weather Conditions:	CLEAR.

Comments: Sampled at: 1020

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

5.22 + 0.2 * 0.58 = 5.33

Malibu Civic Center Quartly Surface Water Sampling
Field Data Sheet

Date: 11/6/18 Sampled By: JM + JLP

Jan-Mar Apr-Jun July-Sep (Oct-Dec)
(Circle appropriate)

Estuary (Circle appropriate)
Berm: open (closed)

General Weather Conditions
Sun, clear sky

General Wind Conditions
1-2 kts. Sunny, clear N75°

Daily Tides: **Low** Time: 14:29 Feet: -0.3 **High** Time: 0753 Feet: 6.2

Location	Time	Sea State	Water Clarity	Water Color	Odors	Floatables	Birds/ wildlife	Photos Taken
		calm	clear	clear	none	none	Type & # land, # water	Y/N
		rough	cloudy	red	rotten eggs	sheen		
			muddy	brown	sewage	oily		
			milky	yellow	chlorine	garbage		
				gray	ammonia	sewage		
N-001	12:00	calm	clear	clear	none	none		Y
N-002	12:10	calm	Clear	clear	none	none		Y
N-003	12:15	Calm	muddy/ Clear	brown	none	none		Y
N-004	12:50	Calm	clear	clear	none	none		Y
L-001	10:05	N/A	cloudy	brown	none	none	Surf Scoter, Killdeer	Y
L-002	9:45	N/A	cloudy	brown	none	none	Heron, Ducks	Y
L-003	11:00	N/A	cloudy	brown	none	none	Mallard, water 20+	Y
L-004	10:40	N/A	cloudy	brown	rotten egg	none	↓	Y
L-005	11:15	calm	cloudy	brown	none	none		Y
L-006	11:40	N/A	cloudy	brown	rotten egg	none		Y

Table 1

Groundwater Monitoring Well Construction Details

Well ID	Total Well Depth (ft bTOC)	Well Diameter (in)	TOC Elevation (ft amsl)	Depth to Water 12/17/2018	Time	Depth to Water 8/24/2015 (ft bTOC)	Wellhead Condition/ Notes
C-1	14.5	n/a	11.47	7.45	1335	n/a	
C-2	14.5	2	11.19	7.17	1350	5.11	
CCPE	20	2	12.94	11.6	1359	5.76	
CCPNE		2	13.68	9.19	1406	6.44	
CCPSW		2	13.67	8.6	1420	6.29	
CCW-4		1	15.77	6.19	1500	6.50	
GH6-M1	35	2	NA	—		28.92	
GH8-M3	40	2	~~28.17~~	28.17	0946	28.37	
GH9-M4	45	2	NA	—		30.31	
LAMW-5S	20	4	104.55	51.93		53.71	
M6-1	45	2		6.64	1007	6.61	
M6-2	20	2		4.25	1009	5.76	
M7-1	40	2		7.97	0959	8.09	
M7-2	25	2		7.82	0958	7.78	25.35 TOT. well depth.
MBCMW-5	19.4	n/a	29.03	NA	—	n/a	
MBCMW-6	64.26	n/a	29.02	NA	—	n/a	
MBCMW-7	52.5	2	16.64	11.57	1047	11.26	
MBCMW-8	10	2	16.53	~~11.57~~ 8.1	~~1047~~ 1044	9.11	
MBCMW-9	10	2	17.71	~~8.1~~ 9.3	~~1044~~ 1447	8.70	51.3 TWD
MBCMW-10	53	2	17.74	7.6	1448	8.63	9.25 TWD
MCWP-MW01	148	6	17.90	11.05	1105	10.22	
MCWP-MW02	145	6	18.06	12.37	1431	10.39	
MCWP-MW03	134	6		9.74	0940	7.65	
MCWP-MW04D	148	4		10.24	1102	9.35	
MCWP-MW04S	20	4		6.55	1058	7.55	
MCWP-MW05	158	4		8.35	1458	7.62	153.45 TWD
MCWP-MW06	153	2		10.61	1436	9.87	
MCWP-MW07D	134	2		8.55	0930	7.51	
MCWP-MW07S	20	2		5.65	0934	6.76	
MCWP-MW08	77	2		18.0	1145	7.64	79.3
MCWP-MW09	95	2	16.30	7.30	1125	7.52	24.75 TWD
MCWP-MW10	60	2		8.55	1219	5.70	22.15 TWD
WRONG P-4	12.5	4	12.16	~~7.47~~	1341	4.58	
P-9	14.3	4	12.17	8.23	1348	5.07	13.8 TWD
SMBRP-2	25	2	13.13	9.08	1045	6.04	
SMBRP-6	25	2	26.88	15.27	1035	16.49	
SMBRP-7B	45	2	18.99	10.55	1509	10.69	
SMBRP-8 (EG-RC MW01)	60	4		29.10	0910	28.74	
SMBRP-9	45	2	50.32	37.20	1355	38.24	44.95 Dry
SMBRP-10C	25	2	16.25	6.55	1027	7.37	
SMBRP-11	20	2	18.35	8.20	0950	8.88	
SMBRP-12	25	2	12.62	6.78	1131	5.69	89.72 TWD
SMBRP-13	20	2	13.58	8.5	1153	8.32	19.4 TWD
SMBRP-15B	25	1	16.77	→		Dry	Dry
SMBRP-16	25	2	14.50	4.15	1036	4.95	

Rincon Consultants, Inc.
GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587	Date: 12.17.18
Project/Location Malibu, CA Civic Center Area	Well Number: SMBRP-9
Observation Period Start: 1355 0800 Stop: 1000	Survey Reference Point: TOC
Sampled By: Peter Doran	Witnessed By: Nico.

PURGING DATA

Type of Pump	Hand Bail	Pump Inlet Depth (ft)	—
Well Diameter (in)	2	Depth of Well (ft)	44.95
Initial/Static Depth to Water (ft)	37.20	Length of Water Column (ft)	7.75
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	1.2	Three Casing Volumes (gal)	3.7
Purge Time, Start	0800	Purge Time, Stop	0910
Total Purge Time (minutes)	10	Purge Rate (gpm)	0.4
Purge Volume (gal)	4.0	Depth to Water (ft) at Sampling	37.22

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	1.5	2.5	4.0				At Sampling
Temperature (C)	20.4	21.7	21.8	21.9				→
pH	7.38	7.37	7.38	7.37				→
Conductivity (µS)	1775	2014	2172	2194				→
Dissolved Oxygen (mg/L)	3.60	3.61	3.83	3.95				→
Dissolved Oxygen (%)	40.0	40.38.4	43.8	45.1				→
TDS ~~(ppm)~~ (mg/L)	1154	1310	1413	1427				→
Turbidity (NTU)	33.0	41.0	80.0	56.17				→

Depth to Water at End of Purge (ft)	39.68	Drawdown (ft)	2.48

Comments:

MISCELLANEOUS DATA

Condition of Traffic Box:	Good
Drum Identification labeling:	**Non-Hazardous Waste**
Water Level Indicator:	**Solinst Model 101**
Weather Conditions:	Clear

Comments: Sampled Time: 0950

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

37.20 + 0.2 * 2.48 = 37.69

Rincon Consultants, Inc.
GROUND WATER SAMPLING/PURGING DATA SHEET

Job No:	15-01587	Date:	12.17.16
Project/Location	Malibu, CA Civic Center Area	Well Number:	SMBRP-11
Observation Period	Start: 1310 Stop: 1330	Survey Reference Point:	TOC
Sampled By:	Peter Doran	Witnessed By:	Nico.

PURGING DATA

Type of Pump	HAND BAIL	Pump Inlet Depth (ft)	-
Well Diameter (in)	2	Depth of Well (ft)	20.18
Initial/Static Depth to Water (ft)	8.20	Length of Water Column (ft)	11.98
Product Thickness (ft)	-	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	1.9	Three Casing Volumes (gal)	5.7
Purge Time, Start	1315	Purge Time, Stop	1325
Total Purge Time (minutes)	10	Purge Rate (gpm)	0.5
Purge Volume (gal)	5.0	Depth to Water (ft) at Sampling	8.15

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	2.0	4.0	5.0				At Sampling
Temperature (C)	22.4	22.2	22.2	WELL				22.3
pH	7.47	7.25	7.24	DEWATERED				7.11
Conductivity (µS)	2432	2430	2429	@ 5 GAL.				2267
Dissolved Oxygen (mg/L)	5.5	5.7	6.0					3.46
Dissolved Oxygen (%)	59.2	59.9	65.5					40.1
TDS (ppm)	1216	1215	1214					1473
Turbidity (NTU)	614	771	892					29.6

Depth to Water at End of Purge (ft)	19.56	Drawdown (ft)	11.36

Comments:

MISCELLANEOUS DATA

Condition of Traffic Box:	GOOD, 2/2 TABS BROKEN.
Drum Identification labeling:	**Non-Hazardous Waste**
Water Level Indicator:	**Solinst Model 101**
Weather Conditions:	CLEAR.

Comments: Sampled Time: 1115 - 12.18.16

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

9.20 + 0.2 * 11.36 = 10.47

Rincon Consultants, Inc.
GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587	Date: 12.18.18
Project/Location Malibu, CA Civic Center Area	Well Number: SMBRP-12
Observation Period Start: 1150 Stop: 1240	Survey Reference Point: TOC
Sampled By: Peter Doran	Witnessed By: Nico

PURGING DATA

Type of Pump	HAND BA.	Pump Inlet Depth (ft)	—
Well Diameter (in)	2	Depth of Well (ft)	24.75
Initial/Static Depth to Water (ft)	7.30	Length of Water Column (ft)	17.45
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	2.8	Three Casing Volumes (gal)	8.4
Purge Time, Start	1200	Purge Time, Stop	1220
Total Purge Time (minutes)	20	Purge Rate (gpm)	0.4
Purge Volume (gal)	8.5	Depth to Water (ft) at Sampling	7.30

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	3.0	6.0	8.5				At Sampling
Temperature (C)	23.3	23.4	23.4	23.4				—
pH	7.35	7.33	7.34	7.35				—
Conductivity (µS)	3201	3222	3240	3273				—
Dissolved Oxygen (mg/L)	2.90	2.51	2.58	2.60				—
Dissolved Oxygen (%)	34.4	27.4	28.4	28.1				—
TDS (ppm)	2091	2094	2111	2120				—
Turbidity (NTU)	73.5	89.6	145.3	159.1				—

Depth to Water at End of Purge (ft): 0.12 7.42 | Drawdown (ft): 0.12

Comments:

MISCELLANEOUS DATA

Condition of Traffic Box: Good

Drum Identification labeling: **Non-Hazardous Waste**

Water Level Indicator: **Solinst Model 101**

Weather Conditions: Clear.

Comments: Sampled Time: 1230

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

7.30 + 0.2 * 0.12 = 7.32

Rincon Consultants, Inc.
GROUND WATER SAMPLING/PURGING DATA SHEET

Job No:	15-01587	Date:	12.17.18
Project/Location	Malibu, CA Civic Center Area	Well Number:	MCWP-MW04S
Observation Period	Start: 1120 Stop: 1155	Survey Reference Point:	TOC
Sampled By:	Peter Doran	Witnessed By:	Nico.

PURGING DATA

Type of Pump	Grundfos	Pump Inlet Depth (ft)	20'
Well Diameter (in)	4	Depth of Well (ft)	20.39
Initial/Static Depth to Water (ft)	6.54	Length of Water Column (ft)	13.85
Product Thickness (ft)	-	Volume Multiplier (gal/ft)	0.65
One Casing Volume (gal)	9.0	Three Casing Volumes (gal)	27.0
Purge Time, Start	1125	Purge Time, Stop	1140
Total Purge Time (minutes)	15	Purge Rate (gpm)	1.0
Purge Volume (gal)	15	Depth to Water (ft) at Sampling	6.56

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	9.0						At Sampling
Temperature (C)	24.0	24.3						23.2
pH	7.71	7.66	WELL DEWATERED					7.42
Conductivity (~~uS~~ MS)	7.53	6.69	@15 gal.					6527 uS
Dissolved Oxygen (mg/L)	0.6	0.7						6.25
Dissolved Oxygen (%)	6	6						74.7
TDS (~~ppm~~) (ppt)	3.93	3.35						4249 mg/L
Turbidity (NTU)	16.1	14.6						4.5

Depth to Water at End of Purge (ft)	19.66	Drawdown (ft)	13.12

Comments:

MISCELLANEOUS DATA

Condition of Traffic Box:	Good
Drum Identification labeling:	**Non-Hazardous Waste**
Water Level Indicator:	**Solinst Model 101**
Weather Conditions:	Clear.

Comments: Sampled Time: 1130 12.18.18

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

6.54 + 0.2 * 13.12 = 9.16

Rincon Consultants, Inc.
GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587	Date: 12.19.18
Project/Location Malibu, CA Civic Center Area	Well Number: MCWP-MW04D
Observation Period Start: 0900 Stop: 1245	Survey Reference Point: TOC
Sampled By: Peter Doran	Witnessed By: NICO N.

PURGING DATA

Type of Pump	GRUNDFOS	Pump Inlet Depth (ft)	145
Well Diameter (in)	4	Depth of Well (ft)	147.30
Initial/Static Depth to Water (ft)	~~9.20~~ 10.24	Length of Water Column (ft)	137.06
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.65
One Casing Volume (gal)	89.09	Three Casing Volumes (gal)	267.3
Purge Time, Start	0922	Purge Time, Stop	1245
Total Purge Time (minutes)	143	Purge Rate (gpm)	1.9
Purge Volume (gal)	267.5	Depth to Water (ft) at Sampling	10.25

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	89.5	178.5	267.5				At Sampling
Temperature (C)	18.4	19.2	19.4	19.4				
pH	7.30	7.37	7.36	7.37				
Conductivity (µS)	2130	2252	2235	2230				
Dissolved Oxygen (mg/L)	3.19	2.33	2.30	2.29				
Dissolved Oxygen (%)	34.1	25.2	26.0	24.8				
TDS (ppm)	1397	1466	1453	1449				
Turbidity (NTU)	9.2	4.0	1.6	4.0				

Depth to Water at End of Purge (ft)	10.40	Drawdown (ft)	0.16

Comments:

MISCELLANEOUS DATA

Condition of Traffic Box:	GOOD
Drum Identification labeling:	**Non-Hazardous Waste**
Water Level Indicator:	**Solinst Model 101**
Weather Conditions:	CLEAR

Comments: Sampled Time: 1230

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

10.24 + 0.2 * 0.16 = 10.27

Rincon Consultants, Inc.
GROUND WATER SAMPLING/PURGING DATA SHEET

Job No:	15-01587	Date:	12-17-18
Project/Location	Malibu, CA Civic Center Area	Well Number:	MCWP-MW07S
Observation Period	Start: 1210 Stop: 1310	Survey Reference Point:	TOC
Sampled By:	Peter Doran	Witnessed By:	Nico

PURGING DATA

Type of Pump	Hand Bail	Pump Inlet Depth (ft)	—
Well Diameter (in)	2	Depth of Well (ft)	17.04
Initial/Static Depth to Water (ft)	5.65	Length of Water Column (ft)	11.39
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	1.8	Three Casing Volumes (gal)	5.46
Purge Time, Start	1245	Purge Time, Stop	1305
Total Purge Time (minutes)	20	Purge Rate (gpm)	0.2
Purge Volume (gal)	5.5	Depth to Water (ft) at Sampling	5.65

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	2.0	4.0	5.5				At Sampling
Temperature (C)	21.6	21.5	21.5	21.5				21.3
pH	7.66	7.69	7.69	7.69				7.52
Conductivity (µS)	1739	1837	1840	1846				1788
Dissolved Oxygen (mg/L)	7.9	7.8	7.7	7.7				4.70
Dissolved Oxygen (%)	86.2	85.5	85.1	84.9				53.3
TDS (ppm)	870	906	920	923				1162
Turbidity (NTU)	826	896	912	983				96.9

Depth to Water at End of Purge (ft)	16.38	Drawdown (ft)	10.73

Comments:

MISCELLANEOUS DATA

Condition of Traffic Box:	Good
Drum Identification labeling:	**Non-Hazardous Waste**
Water Level Indicator:	**Solinst Model 101**
Weather Conditions:	Clear.

Comments: Sampled Time: 1030 12.18.18

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

5.56 + 0.2 * 10.73 = 7.70

Rincon Consultants, Inc.
GROUND WATER SAMPLING/PURGING DATA SHEET

Job No:	15-01587	Date:	12.18.15
Project/Location	Malibu, CA Civic Center Area	Well Number:	~~SMRRP-9~~ MCWP-MW07D
Observation Period	Start: 1020 Stop: 1110	Survey Reference Point:	TOC
Sampled By:	Peter Doran	Witnessed By:	N:CO

PURGING DATA

Type of Pump	GRUNDFOS	Pump Inlet Depth (ft)	125'
Well Diameter (in)	2	Depth of Well (ft)	128.42
Initial/Static Depth to Water (ft)	8.55	Length of Water Column (ft)	119.87
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	19.2	Three Casing Volumes (gal)	57.5
Purge Time, Start	1029	Purge Time, Stop	1057
Total Purge Time (minutes)	29	Purge Rate (gpm)	2.0
Purge Volume (gal)	57.5	Depth to Water (ft) at Sampling	8.60

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	19.5	38.5	57.5				At Sampling
Temperature (C)	21.2	21.9	22.0	22.1				→ 22.1
pH	6.96	7.29	7.32	7.35				7.35
Conductivity (µS)	233.7	2971	2995	2937				2937
Dissolved Oxygen (mg/L)	2.13	1.95	1.93	1.23				1.23
Dissolved Oxygen (%)	23.9	22.4	22.2	15.0				15.0
TDS (ppm)	152	1929	1946	1904				1903
Turbidity (NTU)	17.5	8.6	6.4	2.2				2.2

Depth to Water at End of Purge (ft)	9.82	Drawdown (ft)	1.27

Comments:

MISCELLANEOUS DATA

Condition of Traffic Box:	Good
Drum Identification labeling:	**Non-Hazardous Waste**
Water Level Indicator:	**Solinst Model 101**
Weather Conditions:	Clear

Comments: Sampled Time: 1105

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

8.55 + 0.2 * 1.27 = 8.90

Rincon Consultants, Inc.
GROUND WATER SAMPLING/PURGING DATA SHEET

Job No:	15-01587	Date:	12.18.19
Project/Location	Malibu, CA Civic Center Area	Well Number:	MCWP-MW09
Observation Period	Start: 1140 Stop: 1245	Survey Reference Point:	TOC
Sampled By:	Peter Doran	Witnessed By:	Nico.

PURGING DATA

Type of Pump	GRUNDFOS	Pump Inlet Depth (ft)	88'
Well Diameter (in)	2	Depth of Well (ft)	99.72
Initial/Static Depth to Water (ft)	6.78	Length of Water Column (ft)	92.94
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	13.3	Three Casing Volumes (gal)	39.8
Purge Time, Start	1145	Purge Time, Stop	1205
Total Purge Time (minutes)	20	Purge Rate (gpm)	2.0
Purge Volume (gal)	40.0	Depth to Water (ft) at Sampling	

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	13.5	27.0	40.0				At Sampling
Temperature (C)	21.8	21.8	21.7	21.7				—
pH	7.66	7.63	7.60	7.59				—
Conductivity (µS)	3242	3122	3130	3135				—
Dissolved Oxygen (mg/L)	2.45	2.38	2.40	2.25				—
Dissolved Oxygen (%)	28.0	27.3	27.5	25.5				—
TDS (ppm)	2101	2030	2034	2038				—
Turbidity (NTU)	7.5	3.8	3.5	4.9				—

Depth to Water at End of Purge (ft): 7.29 Drawdown (ft): 0.51

Comments:

MISCELLANEOUS DATA

Condition of Traffic Box: Good

Drum Identification labeling: **Non-Hazardous Waste**

Water Level Indicator: **Solinst Model 101**

Weather Conditions: Clear.

Comments: Sampled Time: 1240

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

6.78 + 0.2 * 0.51 = 6.88

Rincon Consultants, Inc.
GROUND WATER SAMPLING/PURGING DATA SHEET

Job No:	15-01587	Date:	12.17.18
Project/Location	Malibu, CA Civic Center Area	Well Number:	LAMW - 5S
Observation Period	Start: 1025 Stop: 1130	Survey Reference Point:	TOC
Sampled By:	Peter Doran	Witnessed By:	—

PURGING DATA

Type of Pump	GRUNDFOS	Pump Inlet Depth (ft)	73'
Well Diameter (in)	4	Depth of Well (ft)	73.97
Initial/Static Depth to Water (ft)	51.93	Length of Water Column (ft)	22.04
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.65
One Casing Volume (gal)	14.3	Three Casing Volumes (gal)	42.97
Purge Time, Start	1045	Purge Time, Stop	1115
Total Purge Time (minutes)	30	Purge Rate (gpm)	0.8
Purge Volume (gal)	25	Depth to Water (ft) at Sampling	51.94

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	14.5	25					At Sampling
Temperature (C)	21.9	23.2	WELL					21.3
pH	7.26	7.20	DEWATERED @ 25 GAL.					7.36
Conductivity (µS)	1076	995						982
Dissolved Oxygen (mg/L)	4.24	4.20						5.17
Dissolved Oxygen (%)	48.5	47.6						58.4
TDS (ppm)	511	498						638
Turbidity (NTU)	17.0	36.2						5.2

Depth to Water at End of Purge (ft)	72.66	Drawdown (ft)	20.73

Comments:

MISCELLANEOUS DATA

Condition of Traffic Box:	GOOD
Drum Identification labeling:	**Non-Hazardous Waste**
Water Level Indicator:	**Solinst Model 101**
Weather Conditions:	CLEAR.

Comments: Sampled Time: 1000 12.18.18

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

51.93 + 0.2 * 20.73 = 56.07

Appendix B

Analytical Laboratory Reports

April 23, 2018

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Lab ID : SP 1805000
Customer : 2-25173

Laboratory Report

Introduction: This report package contains total of 14 pages divided into 3 sections:

Case Narrative	(2 pages)	: An overview of the work performed at FGL.
Sample Results	(10 pages)	: Results for each sample submitted.
Quality Control	(2 pages)	: Supporting Quality Control (QC) results.

Case Narrative

This Case Narrative pertains to the following samples:

Sample Description	Date Sampled	Date Received	FGL Lab ID #	Matrix
N-001	04/13/2018	04/13/2018	SP 1805000-001	SW
N-002	04/13/2018	04/13/2018	SP 1805000-002	SW
N-003	04/13/2018	04/13/2018	SP 1805000-003	SW
N-004	04/13/2018	04/13/2018	SP 1805000-004	SW
L-001	04/13/2018	04/13/2018	SP 1805000-005	SW
L-002	04/13/2018	04/13/2018	SP 1805000-006	SW
L-003	04/13/2018	04/13/2018	SP 1805000-007	SW
L-004	04/13/2018	04/13/2018	SP 1805000-008	SW
L-005	04/13/2018	04/13/2018	SP 1805000-009	SW
L-006	04/13/2018	04/13/2018	SP 1805000-010	SW

Sampling and Receipt Information: All samples were received in acceptable condition and within temperature requirements, unless noted on the Condition Upon Receipt (CUR) form. All samples arrived on ice. All samples were prepared and analyzed within the method specified hold time. All samples were checked for pH if acid or base preservation is required (except for VOAs). For details of sample receipt information, please see the attached Chain of Custody and Condition Upon Receipt Form.

Quality Control: All samples were prepared and analyzed according to the following tables:

Inorganic - Wet Chemistry QC

351.2	04/16/2018:204253 All preparation quality controls are within established criteria.
	04/18/2018:204387 All preparation quality controls are within established criteria, except: The following note applies to Nitrogen, Total Kjeldahl: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery. The following note applies to Nitrogen, Total Kjeldahl: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.

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FAX: (559)734-8435
CA ELAP Certification No. 2810

April 23, 2018 Lab ID : SP 1805000
Rincon Consultants, Inc. Customer : 2-25173

Inorganic - Wet Chemistry QC

351.2	04/19/2018:204433 All preparation quality controls are within established criteria.
4500NH3G	04/17/2018:205319 All analysis quality controls are within established criteria.
	04/19/2018:205381 All analysis quality controls are within established criteria.
	04/16/2018:204251 All preparation quality controls are within established criteria, except: The following note applies to Ammonia Nitrogen: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery. The following note applies to Ammonia Nitrogen: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
4500NO2F	04/13/2018:204219 All preparation quality controls are within established criteria.
4500NO3F	04/13/2018:205198 All analysis quality controls are within established criteria.
	04/13/2018:205210 All analysis quality controls are within established criteria.
	04/13/2018:204218 All preparation quality controls are within established criteria.
4500-P B	04/20/2018:204531 All preparation quality controls are within established criteria.
4500PE	04/23/2018:205534 All analysis quality controls are within established criteria.
EPA351.2	04/17/2018:205314 All analysis quality controls are within established criteria.
	04/23/2018:205582 All analysis quality controls are within established criteria.

Certification:: I certify that this data package is in compliance with ELAP standards, both technically and for completeness, except for any conditions listed above. Release of the data contained in this data package is authorized by the Laboratory Director or his designee, as verified by the following electronic signature.

KD:DMB

Approved By **Kelly A. Dunnahoo, B.S.** Digitally signed by Kelly A. Dunnahoo, B.S.
Title: Laboratory Director
Date: 2018-04-23

April 23, 2018

Lab ID : SP 1805000-001
Customer ID : 2-25173

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Sampled On : April 13, 2018-12:20
Sampled By : Jaime McClain
Received On : April 13, 2018-14:43
Matrix : Surface Water

Description : N-001
Project : Malibu WWTP - Surface Water Monitoring

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	0.100	0.1	0.032	mg/L	1	J	4500NO3F	204218	04/13/18 13:00	4500NO3F	205210-FI207	04/13/18-15:57JDD
Nitrite Nitrogen	0.0180	0.1	0.011	mg/L	1	J	4500NO2F	204219	04/13/18 13:00	4500NO3F	205198-FI207	04/13/18-15:54JDD
Nitrogen, Organic	ND	0.5	0.072	mg/L	1	Uh	4500NH3G	204251	04/16/18 03:00	4500NH3G	205319-FI207	04/17/18-07:59AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	Uh	4500NH3G	204251	04/16/18 03:00	4500NH3G	205319-FI207	04/17/18-07:59AMB
Kjeldahl Nitrogen	ND	0.5	0.32	mg/L	1	U	351.2	204253	04/16/18 07:37	EPA351.2	205314-FI206	04/17/18-07:49JDD
Phosphorus, Total	0.101	0.1	0.020	mg/L	1	b	4500-P B	204531	04/20/18 16:00	4500PE	205534-UV205	04/23/18-12:11JMR

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
h	The MS/MSD did not meet QC criteria.
U	Constituent results were non-detect.
J	Reported value is estimated; detected at a concentration below the PQL and above the laboratory MDL.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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April 23, 2018

Lab ID : SP 1805000-002
Customer ID : 2-25173

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Sampled On : April 13, 2018-12:00
Sampled By : Jaime McClain
Received On : April 13, 2018-14:43
Matrix : Surface Water

Description : N-002
Project : Malibu WWTP - Surface Water Monitoring

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	0.100	0.1	0.032	mg/L	1	J	4500NO3F	204218	04/13/18 13:00	4500NO3F	205210-FI207	04/13/18-15:59JDD
Nitrite Nitrogen	0.0170	0.1	0.011	mg/L	1	J	4500NO2F	204219	04/13/18 13:00	4500NO3F	205198-FI207	04/13/18-15:57JDD
Nitrogen, Organic	ND	0.5	0.072	mg/L	1	Ul	4500NH3G	204251	04/16/18 03:00	4500NH3G	205319-FI207	04/17/18-07:10AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	Ul	4500NH3G	204251	04/16/18 03:00	4500NH3G	205319-FI207	04/17/18-07:10AMB
Kjeldahl Nitrogen	ND	0.5	0.32	mg/L	1	U	351.2	204253	04/16/18 07:37	EPA351.2	205314-FI206	04/17/18-07:50JDD
Phosphorus, Total	0.0749	0.1	0.020	mg/L	1	Jb	4500-P B	204531	04/20/18 16:00	4500PE	205534-UV205	04/23/18-12:11JMR

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
l	The MS/MSD did not meet QC criteria.
U	Constituent results were non-detect.
J	Reported value is estimated; detected at a concentration below the PQL and above the laboratory MDL.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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April 23, 2018

Lab ID : SP 1805000-003
Customer ID : 2-25173

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Sampled On : April 13, 2018-11:40
Sampled By : Jaime McClain
Received On : April 13, 2018-14:43
Matrix : Surface Water

Description : N-003
Project : Malibu WWTP - Surface Water Monitoring

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	0.0500	0.1	0.032	mg/L	1	J	4500NO3F	204218	04/13/18 13:00	4500NO3F	205210-FI207	04/13/18-16:02JDD
Nitrite Nitrogen	0.0150	0.1	0.011	mg/L	1	J	4500NO2F	204219	04/13/18 13:00	4500NO3F	205198-FI207	04/13/18-15:59JDD
Nitrogen, Organic	ND	0.5	0.072	mg/L	1	Ul	4500NH3G	204251	04/16/18 03:00	4500NH3G	205319-FI207	04/17/18-07:01AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	Ul	4500NH3G	204251	04/16/18 03:00	4500NH3G	205319-FI207	04/17/18-07:01AMB
Kjeldahl Nitrogen	ND	0.5	0.32	mg/L	1	U	351.2	204433	04/19/18 07:21	EPA351.2	205582-FI206	04/23/18-08:08AMB
Phosphorus, Total	ND	0.1	0.020	mg/L	1	Ub	4500-P B	204531	04/20/18 16:00	4500PE	205534-UV205	04/23/18-12:11JMR

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
l	The MS/MSD did not meet QC criteria.
U	Constituent results were non-detect.
J	Reported value is estimated; detected at a concentration below the PQL and above the laboratory MDL.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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April 23, 2018

Lab ID : SP 1805000-004
Customer ID : 2-25173

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Sampled On : April 13, 2018-12:55
Sampled By : Jaime McClain
Received On : April 13, 2018-14:43
Matrix : Surface Water

Description : N-004
Project : Malibu WWTP - Surface Water Monitoring

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	0.100	0.1	0.032	mg/L	1	J	4500NO3F	204218	04/13/18 13:00	4500NO3F	205210-FI207	04/13/18-16:04JDD
Nitrite Nitrogen	0.0160	0.1	0.011	mg/L	1	J	4500NO2F	204219	04/13/18 13:00	4500NO3F	205198-FI207	04/13/18-16:02JDD
Nitrogen, Organic	ND	0.5	0.072	mg/L	1	Uh	4500NH3G	204251	04/16/18 03:00	4500NH3G	205319-FI207	04/17/18-07:36AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	Uh	4500NH3G	204251	04/16/18 03:00	4500NH3G	205319-FI207	04/17/18-07:36AMB
Kjeldahl Nitrogen	ND	0.5	0.32	mg/L	1	U	351.2	204253	04/16/18 07:37	EPA351.2	205314-FI206	04/17/18-07:51JDD
Phosphorus, Total	ND	0.1	0.020	mg/L	1	Ub	4500-P B	204531	04/20/18 16:00	4500PE	205534-UV205	04/23/18-12:11JMR

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
h	The MS/MSD did not meet QC criteria.
U	Constituent results were non-detect.
J	Reported value is estimated; detected at a concentration below the PQL and above the laboratory MDL.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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April 23, 2018

Lab ID : SP 1805000-005
Customer ID : 2-25173

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Sampled On : April 13, 2018-09:55
Sampled By : Jaime McClain
Received On : April 13, 2018-14:43
Matrix : Surface Water

Description : L-001
Project : Malibu WWTP - Surface Water Monitoring

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	1.70	0.1	0.032	mg/L	1		4500NO3F	204218	04/13/18 13:00	4500NO3F	205210-FI207	04/13/18-16:20JDD
Nitrite Nitrogen	0.0230	0.1	0.011	mg/L	1	J	4500NO2F	204219	04/13/18 13:00	4500NO3F	205198-FI207	04/13/18-16:18JDD
Nitrogen, Organic	ND	0.5	0.072	mg/L	1	Ul	4500NH3G	204251	04/16/18 03:00	4500NH3G	205319-FI207	04/17/18-06:38AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	Ul	4500NH3G	204251	04/16/18 03:00	4500NH3G	205319-FI207	04/17/18-06:38AMB
Kjeldahl Nitrogen	ND	0.5	0.32	mg/L	1	U	351.2	204433	04/19/18 07:21	EPA351.2	205582-FI206	04/23/18-08:09AMB
Phosphorus, Total	0.858	0.1	0.020	mg/L	1	b	4500-P B	204531	04/20/18 16:00	4500PE	205534-UV205	04/23/18-12:11JMR

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
l	The MS/MSD did not meet QC criteria.
U	Constituent results were non-detect.
J	Reported value is estimated; detected at a concentration below the PQL and above the laboratory MDL.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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April 23, 2018

Lab ID : SP 1805000-006
Customer ID : 2-25173

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Sampled On : April 13, 2018-10:50
Sampled By : Jaime McClain
Received On : April 13, 2018-14:43
Matrix : Surface Water

Description : L-002
Project : Malibu WWTP - Surface Water Monitoring

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	1.00	0.1	0.032	mg/L	1		4500NO3F	204218	04/13/18 13:00	4500NO3F	205210-FI207	04/13/18-16:22JDD
Nitrite Nitrogen	0.0210	0.1	0.011	mg/L	1	J	4500NO2F	204219	04/13/18 13:00	4500NO3F	205198-FI207	04/13/18-16:19JDD
Nitrogen, Organic	ND	0.5	0.072	mg/L	1	Ul	4500NH3G	204251	04/16/18 03:00	4500NH3G	205319-FI207	04/17/18-06:54AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	Ul	4500NH3G	204251	04/16/18 03:00	4500NH3G	205319-FI207	04/17/18-06:54AMB
Kjeldahl Nitrogen	ND	0.5	0.32	mg/L	1	Ul	351.2	204387	04/18/18 07:21	4500NH3G	205381-FI206	04/19/18-04:31AMB
Phosphorus, Total	0.449	0.1	0.020	mg/L	1	b	4500-P B	204531	04/20/18 16:00	4500PE	205534-UV205	04/23/18-12:11JMR

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
l	The MS/MSD did not meet QC criteria.
U	Constituent results were non-detect.
J	Reported value is estimated; detected at a concentration below the PQL and above the laboratory MDL.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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April 23, 2018

Lab ID : SP 1805000-007
Customer ID : 2-25173

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Sampled On : April 13, 2018-10:10
Sampled By : Jaime McClain
Received On : April 13, 2018-14:43
Matrix : Surface Water

Description : L-003
Project : Malibu WWTP - Surface Water Monitoring

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	0.600	0.1	0.032	mg/L	1		4500NO3F	204218	04/13/18 13:00	4500NO3F	205210-FI207	04/13/18-16:24JDD
Nitrite Nitrogen	0.0230	0.1	0.011	mg/L	1	J	4500NO2F	204219	04/13/18 13:00	4500NO3F	205198-FI207	04/13/18-16:22JDD
Nitrogen, Organic	0.741	0.5	0.072	mg/L	1	l	4500NH3G	204251	04/16/18 03:00	4500NH3G	205319-FI207	04/17/18-06:56AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	Ul	4500NH3G	204251	04/16/18 03:00	4500NH3G	205319-FI207	04/17/18-06:56AMB
Kjeldahl Nitrogen	0.741	0.5	0.32	mg/L	1		351.2	204433	04/19/18 07:21	EPA351.2	205582-FI206	04/23/18-08:10AMB
Phosphorus, Total	0.373	0.1	0.020	mg/L	1	b	4500-P B	204531	04/20/18 16:00	4500PE	205534-UV205	04/23/18-12:11JMR

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
l	The MS/MSD did not meet QC criteria.
U	Constituent results were non-detect.
J	Reported value is estimated; detected at a concentration below the PQL and above the laboratory MDL.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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April 23, 2018

Lab ID : SP 1805000-008
Customer ID : 2-25173

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Sampled On : April 13, 2018-11:05
Sampled By : Jaime McClain
Received On : April 13, 2018-14:43
Matrix : Surface Water

Description : L-004
Project : Malibu WWTP - Surface Water Monitoring

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	1.00	0.1	0.032	mg/L	1		4500NO3F	204218	04/13/18 13:00	4500NO3F	205210-FI207	04/13/18-16:27JDD
Nitrite Nitrogen	0.0230	0.1	0.011	mg/L	1	J	4500NO2F	204219	04/13/18 13:00	4500NO3F	205198-FI207	04/13/18-16:24JDD
Nitrogen, Organic	ND	0.5	0.072	mg/L	1	Uh	4500NH3G	204251	04/16/18 03:00	4500NH3G	205319-FI207	04/17/18-07:45AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	Uh	4500NH3G	204251	04/16/18 03:00	4500NH3G	205319-FI207	04/17/18-07:45AMB
Kjeldahl Nitrogen	ND	0.5	0.32	mg/L	1	U	351.2	204253	04/16/18 07:37	EPA351.2	205314-FI206	04/17/18-07:52JDD
Phosphorus, Total	0.548	0.1	0.020	mg/L	1	b	4500-P B	204531	04/20/18 16:00	4500PE	205534-UV205	04/23/18-12:11JMR

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
h	The MS/MSD did not meet QC criteria.
U	Constituent results were non-detect.
J	Reported value is estimated; detected at a concentration below the PQL and above the laboratory MDL.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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April 23, 2018

Lab ID : SP 1805000-009
Customer ID : 2-25173

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Sampled On : April 13, 2018-10:35
Sampled By : Jaime McClain
Received On : April 13, 2018-14:43
Matrix : Surface Water

Description : L-005
Project : Malibu WWTP - Surface Water Monitoring

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	0.600	0.1	0.032	mg/L	1		4500NO3F	204218	04/13/18 13:00	4500NO3F	205210-FI207	04/13/18-16:29JDD
Nitrite Nitrogen	0.0220	0.1	0.011	mg/L	1	J	4500NO2F	204219	04/13/18 13:00	4500NO3F	205198-FI207	04/13/18-16:27JDD
Nitrogen, Organic	ND	0.5	0.072	mg/L	1	Uh	4500NH3G	204251	04/16/18 03:00	4500NH3G	205319-FI207	04/17/18-08:04AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	Uh	4500NH3G	204251	04/16/18 03:00	4500NH3G	205319-FI207	04/17/18-08:04AMB
Kjeldahl Nitrogen	ND	0.5	0.32	mg/L	1	U	351.2	204253	04/16/18 07:37	EPA351.2	205314-FI206	04/17/18-07:54JDD
Phosphorus, Total	0.312	0.1	0.020	mg/L	1	b	4500-P B	204531	04/20/18 16:00	4500PE	205534-UV205	04/23/18-12:11JMR

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
h	The MS/MSD did not meet QC criteria.
U	Constituent results were non-detect.
J	Reported value is estimated; detected at a concentration below the PQL and above the laboratory MDL.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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April 23, 2018

Lab ID : SP 1805000-010
Customer ID : 2-25173

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Sampled On : April 13, 2018-11:30
Sampled By : Jaime McClain
Received On : April 13, 2018-14:43
Matrix : Surface Water

Description : L-006
Project : Malibu WWTP - Surface Water Monitoring

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	ND	0.1	0.032	mg/L	1	U	4500NO3F	204218	04/13/18 13:00	4500NO3F	205210-FI207	04/13/18-16:32JDD
Nitrite Nitrogen	0.0140	0.1	0.011	mg/L	1	J	4500NO2F	204219	04/13/18 13:00	4500NO3F	205198-FI207	04/13/18-16:29JDD
Nitrogen, Organic	0.337	0.5	0.072	mg/L	1	UhJ	4500NH3G	204251	04/16/18 03:00	4500NH3G	205319-FI207	04/17/18-07:40AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	Uh	4500NH3G	204251	04/16/18 03:00	4500NH3G	205319-FI207	04/17/18-07:40AMB
Kjeldahl Nitrogen	0.337	0.5	0.32	mg/L	1	J	351.2	204253	04/16/18 07:37	EPA351.2	205314-FI206	04/17/18-07:57JDD
Phosphorus, Total	0.394	0.1	0.020	mg/L	1	b	4500-P B	204531	04/20/18 16:00	4500PE	205534-UV205	04/23/18-12:11JMR

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
h	The MS/MSD did not meet QC criteria.
U	Constituent results were non-detect.
J	Reported value is estimated; detected at a concentration below the PQL and above the laboratory MDL.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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CA ELAP Certification No. 2810

April 23, 2018 Lab ID : SP 1805000
Rincon Consultants, Inc. Customer : 2-25173

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem								
Nitrogen, Total Kjeldahl	351.2	04/16/18:204253jmg	Blank	mg/L		ND	<0.5	
			LCS	mg/L	12.00	80.8 %	73-124	
			MS	mg/L	12.00	63.7 %	54-136	
		(SP 1804894-003)	MSD	mg/L	12.00	61.8 %	54-136	
			MSRPD	mg/L	12.00	3.1%	≤27	
	351.2	04/18/18:204387jmg	Blank	mg/L		ND	<0.5	
			LCS	mg/L	12.00	82.7 %	73-124	
			MS	mg/L	12.00	35.9 %	54-136	435
		(CH 1872595-001)	MSD	mg/L	12.00	0.0 %	54-136	435
			MSRPD	mg/L	12.00	4.3	≤0.5	435
	351.2	04/19/18:204433jmg	Blank	mg/L		ND	<0.5	
			LCS	mg/L	12.00	94.2 %	73-124	
			MS	mg/L	12.00	81.4 %	54-136	
		(SP 1805000-003)	MSD	mg/L	12.00	72.7 %	54-136	
			MSRPD	mg/L	12.00	11.4%	≤27	
Ammonia Nitrogen	4500NH3G		MS	mg/L	2.000	21.3 %	70-130	435
		(VI 1841742-001)	MSD	mg/L	2.000	106 %	70-130	
			MSRPD	mg/L	2.000	133%	≤20	435
			MS	mg/L	2.000	149 %	70-130	435
		(SP 1805000-004)	MSD	mg/L	2.000	139 %	70-130	435
			MSRPD	mg/L	2.000	7.2%	≤20	
	4500NH3G	04/17/18:205319AMB	ICB	mg/L		-0.097	0.1	
			ICV	mg/L	2.000	110 %	90-110	
			CCB	mg/L		0.000	0.1	
			CCV	mg/L	2.000	110 %	90-110	
			CCB	mg/L		-0.080	0.1	
			CCV	mg/L	2.000	108 %	90-110	
			CCB	mg/L		-0.012	0.1	
			CCV	mg/L	2.000	110 %	90-110	
			CCB	mg/L		0.000	0.1	
			CCV	mg/L	2.000	109 %	90-110	
	4500NH3G	04/19/18:205381AMB	ICB	mg/L		0.000	0.1	
			ICV	mg/L	5.000	96.2 %	90-110	
			CCB	mg/L		0.000	0.1	
			CCV	mg/L	5.000	100 %	90-110	
Nitrite as Nitrogen	4500NO2F		MS	mg/L	1.218	51.1 %	50-150	
		(SP 1805000-001)	MSD	mg/L	1.218	52.0 %	50-150	
			MSRPD	mg/L	1.218	1.5%	≤30	
Nitrate + Nitrite as N	4500NO3F		MS	mg/L	56.35	18.8 %	5-285	
		(SP 1805000-001)	MSD	mg/L	56.35	18.9 %	5-285	
			MSRPD	mg/L	56.35	0.4%	≤30.4	
	4500NO3F	04/13/18:205210JDD	CCB	mg/L		-0.033	0.2	
			CCV	mg/L	11.27	94.9 %	90-110	
			CCB	mg/L		-0.038	0.2	
			CCB	mg/L		-0.019	0.2	
			CCV	mg/L	11.27	94.8 %	90-110	
			CCB	mg/L		-0.060	0.2	
			CCV	mg/L	11.27	93.6 %	90-110	
Nitrite as Nitrogen	4500NO3F	04/13/18:205198JDD	CCB	mg/L		0.01200	0.012	
			CCV	mg/L	1.218	103 %	90-110	
			CCB	mg/L		0.0100	0.012	
			CCB	mg/L		0.0100	0.012	
			CCV	mg/L	1.218	102 %	90-110	
			CCB	mg/L		0.01200	0.012	
			CCV	mg/L	1.218	103 %	90-110	

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April 23, 2018 Lab ID : SP 1805000
Rincon Consultants, Inc. Customer : 2-25173

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem								
Phosphorus	4500-P B	04/20/18:204531JMR	Blank	mg/L		ND	<0.1	
			LCS	mg/L	0.5000	93.3 %	90-116	
			MS	mg/L	0.5000	62.6 %	25-292	
		(SP 1805000-001)	MSD	mg/L	0.5000	64.9 %	25-292	
			MSRPD	mg/L	0.5000	0.012	≤0.1	
Total Phosphorus	4500PE	04/23/18:205534JMR	CCB	mg/L		-0.016	0.1	
			CCV	mg/L	0.5000	98.6 %	90-110	
			CCB	mg/L		-0.007	0.1	
			CCV	mg/L	0.5000	92.7 %	90-110	
			CCB	mg/L		0.005	0.1	
			CCV	mg/L	0.5000	95.7 %	90-110	
Nitrogen, Total Kjeldahl	EPA351.2	04/17/18:205314JDD	CCB	mg/L		0.373	0.5	
			CCV	mg/L	5.000	98.6 %	90-110	
			CCB	mg/L		-0.301	0.5	
			CCV	mg/L	5.000	90.0 %	90-110	
			CCB	mg/L		-0.244	0.5	
			CCV	mg/L	5.000	93.8 %	90-110	
	EPA351.2	04/23/18:205582AMB	ICB	mg/L		0.447	0.5	
			ICV	mg/L	5.000	101 %	90-110	
			CCB	mg/L		0.337	0.5	
			CCV	mg/L	5.000	93.2 %	90-110	

Definition

ICV	: Initial Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
ICB	: Initial Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
CCV	: Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
CCB	: Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
Blank	: Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
LCS	: Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.
MS	: Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
MSD	: Matrix Spike Duplicate of MS/MSD pair - A random sample duplicate is spiked with a known amount of analyted. The recoveries are an indication of how that sample matrix affects analyte recovery.
MSRPD	: MS/MSD Relative Percent Difference (RPD) - The MS relative percent difference is an indication of precision for the preparation and analysis.
ND	: Non-detect - Result was below the DQO listed for the analyte.
DQO	: Data Quality Objective - This is the criteria against which the quality control data is compared.

Explanation

435	: Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.

April 23, 2018

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

SP 1805000:1-10 **COLIFORM BACTERIA ANALYSIS**
Customer ID : 2-25173

System Number :
Project Name : Malibu WWTP - Surface Water Monitoring

Sample Handling Information

ID	Sample Number	Sample Description	Sample Type/Reason	Sampled By	Employed By	Sampled	Started	Finished
1	SP 1805000-001	N-001	Source-Other	Jaime McClain	Rincon Consultants	04/13/2018 12:20	04/13/2018 15:09 lm	04/16/2018 lm
2	SP 1805000-002	N-002	Source-Other	Jaime McClain	Rincon Consultants	04/13/2018 12:00	04/13/2018 15:09 lm	04/16/2018 lm
3	SP 1805000-003	N-003	Source-Other	Jaime McClain	Rincon Consultants	04/13/2018 11:40	04/13/2018 15:12 lm	04/17/2018 lm
4	SP 1805000-004	N-004	Source-Other	Jaime McClain	Rincon Consultants	04/13/2018 12:55	04/13/2018 15:14 lm	04/15/2018 lm
5	SP 1805000-005	L-001	Source-Other	Jaime McClain	Rincon Consultants	04/13/2018 09:55	04/13/2018 15:16 lm	04/16/2018 lm
6	SP 1805000-006	L-002	Source-Other	Jaime McClain	Rincon Consultants	04/13/2018 10:50	04/13/2018 15:18 lm	04/17/2018 lm
7	SP 1805000-007	L-003	Source-Other	Jaime McClain	Rincon Consultants	04/13/2018 10:10	04/13/2018 15:20 lm	04/16/2018 lm
8	SP 1805000-008	L-004	Source-Other	Jaime McClain	Rincon Consultants	04/13/2018 11:05	04/13/2018 15:22 lm	04/17/2018 lm
9	SP 1805000-009	L-005	Source-Other	Jaime McClain	Rincon Consultants	04/13/2018 10:35	04/13/2018 15:24 lm	04/17/2018 lm
10	SP 1805000-010	L-006	Source-Other	Jaime McClain	Rincon Consultants	04/13/2018 11:30	04/13/2018 15:26 lm	04/16/2018 lm

Analytical Results

ID	Sample Description	Chlorine Total/Free	Temp °C	Method	Units	Total	Fecal	E. Coli	Person Notified ‡	Date ‡ Notified	Time ‡ Notified	Foot Note
1	N-001	---	---	SM 9221B	MPN/100ml	79	2	---	N/R			
2	N-002	---	---	SM 9221B	MPN/100ml	46	21	---	N/R			
3	N-003	---	---	SM 9221B	MPN/100ml	17	17	---	N/R			
4	N-004	---	---	SM 9221B	MPN/100ml	4.5	4.5	---	N/R			
5	L-001	---	---	SM 9221B	MPN/100ml	>1600	220	---	N/R			
6	L-002	---	---	SM 9221B	MPN/100ml	>1600	49	---	N/R			
7	L-003	---	---	SM 9221B	MPN/100ml	>1600	79	---	N/R			
8	L-004	---	---	SM 9221B	MPN/100ml	1600	130	---	N/R			
9	L-005	---	---	SM 9221B	MPN/100ml	>1600	94	---	N/R			
10	L-006	---	---	SM 9221B	MPN/100ml	>1600	110	---	N/R			

N/R Not Required. MPN Most Probable Number A/P Absence/Presence ‡ Client Notification details.

Analyses were performed using Standard Methods 22nd edition. If you have any questions regarding your results, please call.

Reviewed and Approved By **Raquel R. Harvey**
Digitally signed by Raquel R. Harvey
Title: Tech Director Microbiology
Date: 2018-04-23

RPH:SLK

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ENVIRONMENTAL FGL AGRICULTURAL
Analytical Chemists

Quarterly

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Laboratory Copy (1 of 3)

4053:03/05/2018

TEST DESCRIPTION - See Reverse side for Container, Preservative and Sampling information

Client: **Rincon Consultants, Inc.**
Address: Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Phone: (760)918-9444ext209 Fax:
Contact Person: Torin Snyder
Project Name: **Malibu WWTP - SW Monitoring**
Purchase Order Number:
Quote Number: **SP 20150526-01**

Sampler(s) Jaime Mcclain
Rincon Consultants

Sampling Fee: _____ Pickup Fee: _____
Compositor Setup Date: ___/___/___ Time: ___/___

Lab Number: **SP** 1805000 **2-25173**

Samp Num	Location Description	Date Sampled	Time Sampled	Method of Sampling: Composite(C) Grab(G)	Type of Sample **SEE REVERSE SIDE**	Potable(P) Non-Potable(NP) Ag Water(AgW)	Bacti Type: Other(O) System(SYS) Source(SR) Waste(W)	Bacti Reason: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O) Special(SPL)	Coliform-LTB-Series 15 Tube ***8 Hour Hold Time*** 120ml(PBa)-Na2S2O3	Wet Chemistry-NO3-N,NO2-N,N-Organic,Total P,NH3-N **NO2-N, NO3-N-48 Hour Hold Time*** 16oz(P), 16oz(P)-H2SO4							
1	N-001	04/13/18	1220	G	SW				1	1,1							
2	N-002	04/13/18	1200	G	SW				1	1,1							
3	N-003	04/13/18	1140	G	SW				1	1,1							
4	N-004	04/13/18	1255	G	SW				1	1,1							
5	L-001	04/13/18	0955	G	SW				1	1,1							
6	L-002	04/13/18	1050	G	SW				1	1,1							
7	L-003	04/13/18	1010	G	SW				1	1,1							
8	L-004	04/13/18	1105	G	SW				1	1,1							
9	L-005	04/13/18	1035	G	SW				1	1,1							
10	L-006	04/13/18	1130	G	SW				1	1,1							

Remarks:

Relinquished	Date:	Time:	Relinquished	Date:	Time:	Relinquished	Date:	Time:
	04/13/18	1843						
Received By:	**Date:**	**Time:**	**Received By:**	**Date:**	**Time:**	**Received By:**	**Date:**	**Time:**
	4/13/18	1845						

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Condition Upon Receipt (Attach to COC)

Sample Receipt at SP:

1. Number of ice chests/packages received: **OTC**
2. Shipper tracking numbers _____
3. Were samples received in a chilled condition?
   Temps: **ROI** / **15** / _____ / _____ / _____ / _____ / _____
4. Surface water (SWTR) bact samples: A sample that has a temperature upon receipt of >10C, whether iced or not, should be flagged unless the time since sample collection has been less than two hours.
5. Do the number of bottles received agree with the COC? **Yes** / **No** / **N/A**
6. Verify sample date, time, sampler **Yes** / **No** / **N/A**
7. Were the samples received intact? (i.e. no broken bottles, leaks, etc.) **Yes** / **No**
8. Were sample custody seals intact? **Yes** / **No** / **N/A**

Sample Verification, Labeling and Distribution:

1. Were all requested analyses understood and acceptable? **Yes** / **No**
2. Did bottle labels correspond with the client's ID's? **Yes** / **No**
3. Were all bottles requiring sample preservation properly preserved? **Yes** / **No** / **N/A** **FGL**
   [Exception: Oil & Grease, VOA and CrVI verified in lab]
4. VOAs checked for Headspace? **Yes** / **No** / **N/A**
5. Were all analyses within holding times at time of receipt? **Yes** / **No**
6. Have rush or project due dates been checked and accepted? **Yes** / **No** / **N/A**

Include a copy of the COC for lab delivery. (Bacti. Inorganics and Radio)

Sample Receipt, Login and Verification completed by:

Reviewed and Approved By **Shawn Peck** Digitally signed by Shawn Peck
Title: Sample Receiving
Date: 04/18/2018-10:07:56

Discrepency Documentation:

Any items above which are "No" or do not meet specifications (i.e. temps) must be resolved.

1. Person Contacted: _____ Phone Number: _____
   Initiated By: _____ Date: _____
   Problem:

   Resolution:

2. Person Contacted: _____ Phone Number: _____
   Initiated By: _____ Date: _____
   Problem:

   Resolution:

(2025173)
Rincon Consultants, Inc.
SP 1805000
SRP-04/18/2018-10:07:56

April 23, 2018

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

SP 1805000:1-10 **COLIFORM BACTERIA ANALYSIS**
Customer ID : 2-25173

System Number :
Project Name : Malibu WWTP - Surface Water Monitoring

Sample Handling Information

ID	Sample Number	Sample Description	Sample Type/Reason	Sampled By	Employed By	Sampled	Started	Finished
1	SP 1805000-001	N-001	Source-Other	Jaime McClain	Rincon Consultants	04/13/2018 12:20	04/13/2018 15:09 lm	04/16/2018 lm
2	SP 1805000-002	N-002	Source-Other	Jaime McClain	Rincon Consultants	04/13/2018 12:00	04/13/2018 15:09 lm	04/16/2018 lm
3	SP 1805000-003	N-003	Source-Other	Jaime McClain	Rincon Consultants	04/13/2018 11:40	04/13/2018 15:12 lm	04/17/2018 lm
4	SP 1805000-004	N-004	Source-Other	Jaime McClain	Rincon Consultants	04/13/2018 12:55	04/13/2018 15:14 lm	04/15/2018 lm
5	SP 1805000-005	L-001	Source-Other	Jaime McClain	Rincon Consultants	04/13/2018 09:55	04/13/2018 15:16 lm	04/16/2018 lm
6	SP 1805000-006	L-002	Source-Other	Jaime McClain	Rincon Consultants	04/13/2018 10:50	04/13/2018 15:18 lm	04/17/2018 lm
7	SP 1805000-007	L-003	Source-Other	Jaime McClain	Rincon Consultants	04/13/2018 10:10	04/13/2018 15:20 lm	04/16/2018 lm
8	SP 1805000-008	L-004	Source-Other	Jaime McClain	Rincon Consultants	04/13/2018 11:05	04/13/2018 15:22 lm	04/17/2018 lm
9	SP 1805000-009	L-005	Source-Other	Jaime McClain	Rincon Consultants	04/13/2018 10:35	04/13/2018 15:24 lm	04/17/2018 lm
10	SP 1805000-010	L-006	Source-Other	Jaime McClain	Rincon Consultants	04/13/2018 11:30	04/13/2018 15:26 lm	04/16/2018 lm

Analytical Results

ID	Sample Description	Chlorine Total/Free	Temp °C	Method	Units	Total	Fecal	E. Coli	Person Notified ‡	Date ‡ Notified	Time ‡ Notified	Foot Note
1	N-001	---	---	SM 9221B	MPN/100ml	79	2	---	N/R			
2	N-002	---	---	SM 9221B	MPN/100ml	46	21	---	N/R			
3	N-003	---	---	SM 9221B	MPN/100ml	17	17	---	N/R			
4	N-004	---	---	SM 9221B	MPN/100ml	4.5	4.5	---	N/R			
5	L-001	---	---	SM 9221B	MPN/100ml	>1600	220	---	N/R			
6	L-002	---	---	SM 9221B	MPN/100ml	>1600	49	---	N/R			
7	L-003	---	---	SM 9221B	MPN/100ml	>1600	79	---	N/R			
8	L-004	---	---	SM 9221B	MPN/100ml	1600	130	---	N/R			
9	L-005	---	---	SM 9221B	MPN/100ml	>1600	94	---	N/R			
10	L-006	---	---	SM 9221B	MPN/100ml	>1600	110	---	N/R			

N/R Not Required. MPN Most Probable Number A/P Absence/Presence ‡ Client Notification details.

Analyses were performed using Standard Methods 22nd edition. If you have any questions regarding your results, please call.

Reviewed and Approved By **Raquel R. Harvey**
Digitally signed by Raquel R. Harvey
Title: Tech Director Microbiology
Date: 2018-04-23

RPH:SLK

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April 23, 2018

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Lab ID : SP 1805000
Customer : 2-25173

Laboratory Report

Introduction: This report package contains total of 14 pages divided into 3 sections:

Case Narrative	(2 pages)	: An overview of the work performed at FGL.
Sample Results	(10 pages)	: Results for each sample submitted.
Quality Control	(2 pages)	: Supporting Quality Control (QC) results.

Case Narrative

This Case Narrative pertains to the following samples:

Sample Description	Date Sampled	Date Received	FGL Lab ID #	Matrix
N-001	04/13/2018	04/13/2018	SP 1805000-001	SW
N-002	04/13/2018	04/13/2018	SP 1805000-002	SW
N-003	04/13/2018	04/13/2018	SP 1805000-003	SW
N-004	04/13/2018	04/13/2018	SP 1805000-004	SW
L-001	04/13/2018	04/13/2018	SP 1805000-005	SW
L-002	04/13/2018	04/13/2018	SP 1805000-006	SW
L-003	04/13/2018	04/13/2018	SP 1805000-007	SW
L-004	04/13/2018	04/13/2018	SP 1805000-008	SW
L-005	04/13/2018	04/13/2018	SP 1805000-009	SW
L-006	04/13/2018	04/13/2018	SP 1805000-010	SW

Sampling and Receipt Information: All samples were received in acceptable condition and within temperature requirements, unless noted on the Condition Upon Receipt (CUR) form. All samples arrived on ice. All samples were prepared and analyzed within the method specified hold time. All samples were checked for pH if acid or base preservation is required (except for VOAs). For details of sample receipt information, please see the attached Chain of Custody and Condition Upon Receipt Form.

Quality Control: All samples were prepared and analyzed according to the following tables:

Inorganic - Wet Chemistry QC

351.2	04/16/2018:204253 All preparation quality controls are within established criteria.
	04/18/2018:204387 All preparation quality controls are within established criteria, except: The following note applies to Nitrogen, Total Kjeldahl: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery. The following note applies to Nitrogen, Total Kjeldahl: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.

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April 23, 2018 Lab ID : SP 1805000
Rincon Consultants, Inc. Customer : 2-25173

Inorganic - Wet Chemistry QC

351.2	04/19/2018:204433 All preparation quality controls are within established criteria.
4500NH3G	04/17/2018:205319 All analysis quality controls are within established criteria.
	04/19/2018:205381 All analysis quality controls are within established criteria.
	04/16/2018:204251 All preparation quality controls are within established criteria, except: The following note applies to Ammonia Nitrogen: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery. The following note applies to Ammonia Nitrogen: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
4500NO2F	04/13/2018:204219 All preparation quality controls are within established criteria.
4500NO3F	04/13/2018:205198 All analysis quality controls are within established criteria.
	04/13/2018:205210 All analysis quality controls are within established criteria.
	04/13/2018:204218 All preparation quality controls are within established criteria.
4500-P B	04/20/2018:204531 All preparation quality controls are within established criteria.
4500PE	04/23/2018:205534 All analysis quality controls are within established criteria.
EPA351.2	04/17/2018:205314 All analysis quality controls are within established criteria.
	04/23/2018:205582 All analysis quality controls are within established criteria.

Certification:: I certify that this data package is in compliance with ELAP standards, both technically and for completeness, except for any conditions listed above. Release of the data contained in this data package is authorized by the Laboratory Director or his designee, as verified by the following electronic signature.

KD:DMB

Approved By **Kelly A. Dunnahoo, B.S.** Digitally signed by Kelly A. Dunnahoo, B.S.
Title: Laboratory Director
Date: 2018-04-23

April 23, 2018

Lab ID : SP 1805000-001
Customer ID : 2-25173

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Sampled On : April 13, 2018-12:20
Sampled By : Jaime McClain
Received On : April 13, 2018-14:43
Matrix : Surface Water

Description : N-001
Project : Malibu WWTP - Surface Water Monitoring

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	0.100	0.1	0.032	mg/L	1	J	4500NO3F	204218	04/13/18 13:00	4500NO3F	205210-FI207	04/13/18-15:57JDD
Nitrite Nitrogen	0.0180	0.1	0.011	mg/L	1	J	4500NO2F	204219	04/13/18 13:00	4500NO3F	205198-FI207	04/13/18-15:54JDD
Nitrogen, Organic	ND	0.5	0.072	mg/L	1	Uh	4500NH3G	204251	04/16/18 03:00	4500NH3G	205319-FI207	04/17/18-07:59AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	Uh	4500NH3G	204251	04/16/18 03:00	4500NH3G	205319-FI207	04/17/18-07:59AMB
Kjeldahl Nitrogen	ND	0.5	0.32	mg/L	1	U	351.2	204253	04/16/18 07:37	EPA351.2	205314-FI206	04/17/18-07:49JDD
Phosphorus, Total	0.101	0.1	0.020	mg/L	1	b	4500-P B	204531	04/20/18 16:00	4500PE	205534-UV205	04/23/18-12:11JMR

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
h	The MS/MSD did not meet QC criteria.
U	Constituent results were non-detect.
J	Reported value is estimated; detected at a concentration below the PQL and above the laboratory MDL.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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April 23, 2018

Lab ID : SP 1805000-002
Customer ID : 2-25173

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Sampled On : April 13, 2018-12:00
Sampled By : Jaime McClain
Received On : April 13, 2018-14:43
Matrix : Surface Water

Description : N-002
Project : Malibu WWTP - Surface Water Monitoring

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	0.100	0.1	0.032	mg/L	1	J	4500NO3F	204218	04/13/18 13:00	4500NO3F	205210-FI207	04/13/18-15:59JDD
Nitrite Nitrogen	0.0170	0.1	0.011	mg/L	1	J	4500NO2F	204219	04/13/18 13:00	4500NO3F	205198-FI207	04/13/18-15:57JDD
Nitrogen, Organic	ND	0.5	0.072	mg/L	1	Ul	4500NH3G	204251	04/16/18 03:00	4500NH3G	205319-FI207	04/17/18-07:10AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	Ul	4500NH3G	204251	04/16/18 03:00	4500NH3G	205319-FI207	04/17/18-07:10AMB
Kjeldahl Nitrogen	ND	0.5	0.32	mg/L	1	U	351.2	204253	04/16/18 07:37	EPA351.2	205314-FI206	04/17/18-07:50JDD
Phosphorus, Total	0.0749	0.1	0.020	mg/L	1	Jb	4500-P B	204531	04/20/18 16:00	4500PE	205534-UV205	04/23/18-12:11JMR

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
l	The MS/MSD did not meet QC criteria.
U	Constituent results were non-detect.
J	Reported value is estimated; detected at a concentration below the PQL and above the laboratory MDL.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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April 23, 2018

Lab ID : SP 1805000-003
Customer ID : 2-25173

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Sampled On : April 13, 2018-11:40
Sampled By : Jaime McClain
Received On : April 13, 2018-14:43
Matrix : Surface Water

Description : N-003
Project : Malibu WWTP - Surface Water Monitoring

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	0.0500	0.1	0.032	mg/L	1	J	4500NO3F	204218	04/13/18 13:00	4500NO3F	205210-FI207	04/13/18-16:02JDD
Nitrite Nitrogen	0.0150	0.1	0.011	mg/L	1	J	4500NO2F	204219	04/13/18 13:00	4500NO3F	205198-FI207	04/13/18-15:59JDD
Nitrogen, Organic	ND	0.5	0.072	mg/L	1	Ul	4500NH3G	204251	04/16/18 03:00	4500NH3G	205319-FI207	04/17/18-07:01AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	Ul	4500NH3G	204251	04/16/18 03:00	4500NH3G	205319-FI207	04/17/18-07:01AMB
Kjeldahl Nitrogen	ND	0.5	0.32	mg/L	1	U	351.2	204433	04/19/18 07:21	EPA351.2	205582-FI206	04/23/18-08:08AMB
Phosphorus, Total	ND	0.1	0.020	mg/L	1	Ub	4500-P B	204531	04/20/18 16:00	4500PE	205534-UV205	04/23/18-12:11JMR

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
l	The MS/MSD did not meet QC criteria.
U	Constituent results were non-detect.
J	Reported value is estimated; detected at a concentration below the PQL and above the laboratory MDL.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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April 23, 2018

Lab ID : SP 1805000-004
Customer ID : 2-25173

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Sampled On : April 13, 2018-12:55
Sampled By : Jaime McClain
Received On : April 13, 2018-14:43
Matrix : Surface Water

Description : N-004
Project : Malibu WWTP - Surface Water Monitoring

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	0.100	0.1	0.032	mg/L	1	J	4500NO3F	204218	04/13/18 13:00	4500NO3F	205210-FI207	04/13/18-16:04JDD
Nitrite Nitrogen	0.0160	0.1	0.011	mg/L	1	J	4500NO2F	204219	04/13/18 13:00	4500NO3F	205198-FI207	04/13/18-16:02JDD
Nitrogen, Organic	ND	0.5	0.072	mg/L	1	Uh	4500NH3G	204251	04/16/18 03:00	4500NH3G	205319-FI207	04/17/18-07:36AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	Uh	4500NH3G	204251	04/16/18 03:00	4500NH3G	205319-FI207	04/17/18-07:36AMB
Kjeldahl Nitrogen	ND	0.5	0.32	mg/L	1	U	351.2	204253	04/16/18 07:37	EPA351.2	205314-FI206	04/17/18-07:51JDD
Phosphorus, Total	ND	0.1	0.020	mg/L	1	Ub	4500-P B	204531	04/20/18 16:00	4500PE	205534-UV205	04/23/18-12:11JMR

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
h	The MS/MSD did not meet QC criteria.
U	Constituent results were non-detect.
J	Reported value is estimated; detected at a concentration below the PQL and above the laboratory MDL.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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April 23, 2018

Lab ID : SP 1805000-005
Customer ID : 2-25173

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Sampled On : April 13, 2018-09:55
Sampled By : Jaime McClain
Received On : April 13, 2018-14:43
Matrix : Surface Water

Description : L-001
Project : Malibu WWTP - Surface Water Monitoring

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	1.70	0.1	0.032	mg/L	1		4500NO3F	204218	04/13/18 13:00	4500NO3F	205210-FI207	04/13/18-16:20JDD
Nitrite Nitrogen	0.0230	0.1	0.011	mg/L	1	J	4500NO2F	204219	04/13/18 13:00	4500NO3F	205198-FI207	04/13/18-16:18JDD
Nitrogen, Organic	ND	0.5	0.072	mg/L	1	Ul	4500NH3G	204251	04/16/18 03:00	4500NH3G	205319-FI207	04/17/18-06:38AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	Ul	4500NH3G	204251	04/16/18 03:00	4500NH3G	205319-FI207	04/17/18-06:38AMB
Kjeldahl Nitrogen	ND	0.5	0.32	mg/L	1	U	351.2	204433	04/19/18 07:21	EPA351.2	205582-FI206	04/23/18-08:09AMB
Phosphorus, Total	0.858	0.1	0.020	mg/L	1	b	4500-P B	204531	04/20/18 16:00	4500PE	205534-UV205	04/23/18-12:11JMR

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
l	The MS/MSD did not meet QC criteria.
U	Constituent results were non-detect.
J	Reported value is estimated; detected at a concentration below the PQL and above the laboratory MDL.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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April 23, 2018

Lab ID : SP 1805000-006
Customer ID : 2-25173

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Sampled On : April 13, 2018-10:50
Sampled By : Jaime McClain
Received On : April 13, 2018-14:43
Matrix : Surface Water

Description : L-002
Project : Malibu WWTP - Surface Water Monitoring

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	1.00	0.1	0.032	mg/L	1		4500NO3F	204218	04/13/18 13:00	4500NO3F	205210-FI207	04/13/18-16:22JDD
Nitrite Nitrogen	0.0210	0.1	0.011	mg/L	1	J	4500NO2F	204219	04/13/18 13:00	4500NO3F	205198-FI207	04/13/18-16:19JDD
Nitrogen, Organic	ND	0.5	0.072	mg/L	1	Ul	4500NH3G	204251	04/16/18 03:00	4500NH3G	205319-FI207	04/17/18-06:54AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	Ul	4500NH3G	204251	04/16/18 03:00	4500NH3G	205319-FI207	04/17/18-06:54AMB
Kjeldahl Nitrogen	ND	0.5	0.32	mg/L	1	Ul	351.2	204387	04/18/18 07:21	4500NH3G	205381-FI206	04/19/18-04:31AMB
Phosphorus, Total	0.449	0.1	0.020	mg/L	1	b	4500-P B	204531	04/20/18 16:00	4500PE	205534-UV205	04/23/18-12:11JMR

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
l	The MS/MSD did not meet QC criteria.
U	Constituent results were non-detect.
J	Reported value is estimated; detected at a concentration below the PQL and above the laboratory MDL.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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April 23, 2018

Lab ID : SP 1805000-007
Customer ID : 2-25173

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Sampled On : April 13, 2018-10:10
Sampled By : Jaime McClain
Received On : April 13, 2018-14:43
Matrix : Surface Water

Description : L-003
Project : Malibu WWTP - Surface Water Monitoring

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	0.600	0.1	0.032	mg/L	1		4500NO3F	204218	04/13/18 13:00	4500NO3F	205210-FI207	04/13/18-16:24JDD
Nitrite Nitrogen	0.0230	0.1	0.011	mg/L	1	J	4500NO2F	204219	04/13/18 13:00	4500NO3F	205198-FI207	04/13/18-16:22JDD
Nitrogen, Organic	0.741	0.5	0.072	mg/L	1	l	4500NH3G	204251	04/16/18 03:00	4500NH3G	205319-FI207	04/17/18-06:56AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	Ul	4500NH3G	204251	04/16/18 03:00	4500NH3G	205319-FI207	04/17/18-06:56AMB
Kjeldahl Nitrogen	0.741	0.5	0.32	mg/L	1		351.2	204433	04/19/18 07:21	EPA351.2	205582-FI206	04/23/18-08:10AMB
Phosphorus, Total	0.373	0.1	0.020	mg/L	1	b	4500-P B	204531	04/20/18 16:00	4500PE	205534-UV205	04/23/18-12:11JMR

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
l	The MS/MSD did not meet QC criteria.
U	Constituent results were non-detect.
J	Reported value is estimated; detected at a concentration below the PQL and above the laboratory MDL.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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April 23, 2018

Lab ID : SP 1805000-008
Customer ID : 2-25173

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Sampled On : April 13, 2018-11:05
Sampled By : Jaime McClain
Received On : April 13, 2018-14:43
Matrix : Surface Water

Description : L-004
Project : Malibu WWTP - Surface Water Monitoring

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	1.00	0.1	0.032	mg/L	1		4500NO3F	204218	04/13/18 13:00	4500NO3F	205210-FI207	04/13/18-16:27JDD
Nitrite Nitrogen	0.0230	0.1	0.011	mg/L	1	J	4500NO2F	204219	04/13/18 13:00	4500NO3F	205198-FI207	04/13/18-16:24JDD
Nitrogen, Organic	ND	0.5	0.072	mg/L	1	Uh	4500NH3G	204251	04/16/18 03:00	4500NH3G	205319-FI207	04/17/18-07:45AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	Uh	4500NH3G	204251	04/16/18 03:00	4500NH3G	205319-FI207	04/17/18-07:45AMB
Kjeldahl Nitrogen	ND	0.5	0.32	mg/L	1	U	351.2	204253	04/16/18 07:37	EPA351.2	205314-FI206	04/17/18-07:52JDD
Phosphorus, Total	0.548	0.1	0.020	mg/L	1	b	4500-P B	204531	04/20/18 16:00	4500PE	205534-UV205	04/23/18-12:11JMR

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
h	The MS/MSD did not meet QC criteria.
U	Constituent results were non-detect.
J	Reported value is estimated; detected at a concentration below the PQL and above the laboratory MDL.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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April 23, 2018

Lab ID : SP 1805000-009
Customer ID : 2-25173

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Sampled On : April 13, 2018-10:35
Sampled By : Jaime McClain
Received On : April 13, 2018-14:43
Matrix : Surface Water

Description : L-005
Project : Malibu WWTP - Surface Water Monitoring

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	0.600	0.1	0.032	mg/L	1		4500NO3F	204218	04/13/18 13:00	4500NO3F	205210-FI207	04/13/18-16:29JDD
Nitrite Nitrogen	0.0220	0.1	0.011	mg/L	1	J	4500NO2F	204219	04/13/18 13:00	4500NO3F	205198-FI207	04/13/18-16:27JDD
Nitrogen, Organic	ND	0.5	0.072	mg/L	1	Uh	4500NH3G	204251	04/16/18 03:00	4500NH3G	205319-FI207	04/17/18-08:04AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	Uh	4500NH3G	204251	04/16/18 03:00	4500NH3G	205319-FI207	04/17/18-08:04AMB
Kjeldahl Nitrogen	ND	0.5	0.32	mg/L	1	U	351.2	204253	04/16/18 07:37	EPA351.2	205314-FI206	04/17/18-07:54JDD
Phosphorus, Total	0.312	0.1	0.020	mg/L	1	b	4500-P B	204531	04/20/18 16:00	4500PE	205534-UV205	04/23/18-12:11JMR

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
h	The MS/MSD did not meet QC criteria.
U	Constituent results were non-detect.
J	Reported value is estimated; detected at a concentration below the PQL and above the laboratory MDL.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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April 23, 2018

Lab ID : SP 1805000-010
Customer ID : 2-25173

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Sampled On : April 13, 2018-11:30
Sampled By : Jaime McClain
Received On : April 13, 2018-14:43
Matrix : Surface Water

Description : L-006
Project : Malibu WWTP - Surface Water Monitoring

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	ND	0.1	0.032	mg/L	1	U	4500NO3F	204218	04/13/18 13:00	4500NO3F	205210-FI207	04/13/18-16:32JDD
Nitrite Nitrogen	0.0140	0.1	0.011	mg/L	1	J	4500NO2F	204219	04/13/18 13:00	4500NO3F	205198-FI207	04/13/18-16:29JDD
Nitrogen, Organic	0.337	0.5	0.072	mg/L	1	UhJ	4500NH3G	204251	04/16/18 03:00	4500NH3G	205319-FI207	04/17/18-07:40AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	Uh	4500NH3G	204251	04/16/18 03:00	4500NH3G	205319-FI207	04/17/18-07:40AMB
Kjeldahl Nitrogen	0.337	0.5	0.32	mg/L	1	J	351.2	204253	04/16/18 07:37	EPA351.2	205314-FI206	04/17/18-07:57JDD
Phosphorus, Total	0.394	0.1	0.020	mg/L	1	b	4500-P B	204531	04/20/18 16:00	4500PE	205534-UV205	04/23/18-12:11JMR

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
h	The MS/MSD did not meet QC criteria.
U	Constituent results were non-detect.
J	Reported value is estimated; detected at a concentration below the PQL and above the laboratory MDL.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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April 23, 2018 Lab ID : SP 1805000
Rincon Consultants, Inc. Customer : 2-25173

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem								
Nitrogen, Total Kjeldahl	351.2	04/16/18:204253jmg	Blank	mg/L		ND	<0.5	
			LCS	mg/L	12.00	80.8 %	73-124	
			MS	mg/L	12.00	63.7 %	54-136	
		(SP 1804894-003)	MSD	mg/L	12.00	61.8 %	54-136	
			MSRPD	mg/L	12.00	3.1%	≤27	
	351.2	04/18/18:204387jmg	Blank	mg/L		ND	<0.5	
			LCS	mg/L	12.00	82.7 %	73-124	
			MS	mg/L	12.00	35.9 %	54-136	435
		(CH 1872595-001)	MSD	mg/L	12.00	0.0 %	54-136	435
			MSRPD	mg/L	12.00	4.3	≤0.5	435
	351.2	04/19/18:204433jmg	Blank	mg/L		ND	<0.5	
			LCS	mg/L	12.00	94.2 %	73-124	
			MS	mg/L	12.00	81.4 %	54-136	
		(SP 1805000-003)	MSD	mg/L	12.00	72.7 %	54-136	
			MSRPD	mg/L	12.00	11.4%	≤27	
Ammonia Nitrogen	4500NH3G		MS	mg/L	2.000	21.3 %	70-130	435
		(VI 1841742-001)	MSD	mg/L	2.000	106 %	70-130	
			MSRPD	mg/L	2.000	133%	≤20	435
			MS	mg/L	2.000	149 %	70-130	435
		(SP 1805000-004)	MSD	mg/L	2.000	139 %	70-130	435
			MSRPD	mg/L	2.000	7.2%	≤20	
	4500NH3G	04/17/18:205319AMB	ICB	mg/L		-0.097	0.1	
			ICV	mg/L	2.000	110 %	90-110	
			CCB	mg/L		0.000	0.1	
			CCV	mg/L	2.000	110 %	90-110	
			CCB	mg/L		-0.080	0.1	
			CCV	mg/L	2.000	108 %	90-110	
			CCB	mg/L		-0.012	0.1	
			CCV	mg/L	2.000	110 %	90-110	
			CCB	mg/L		0.000	0.1	
			CCV	mg/L	2.000	109 %	90-110	
	4500NH3G	04/19/18:205381AMB	ICB	mg/L		0.000	0.1	
			ICV	mg/L	5.000	96.2 %	90-110	
			CCB	mg/L		0.000	0.1	
			CCV	mg/L	5.000	100 %	90-110	
Nitrite as Nitrogen	4500NO2F		MS	mg/L	1.218	51.1 %	50-150	
		(SP 1805000-001)	MSD	mg/L	1.218	52.0 %	50-150	
			MSRPD	mg/L	1.218	1.5%	≤30	
Nitrate + Nitrite as N	4500NO3F		MS	mg/L	56.35	18.8 %	5-285	
		(SP 1805000-001)	MSD	mg/L	56.35	18.9 %	5-285	
			MSRPD	mg/L	56.35	0.4%	≤30.4	
	4500NO3F	04/13/18:205210JDD	CCB	mg/L		-0.033	0.2	
			CCV	mg/L	11.27	94.9 %	90-110	
			CCB	mg/L		-0.038	0.2	
			CCB	mg/L		-0.019	0.2	
			CCV	mg/L	11.27	94.8 %	90-110	
			CCB	mg/L		-0.060	0.2	
			CCV	mg/L	11.27	93.6 %	90-110	
Nitrite as Nitrogen	4500NO3F	04/13/18:205198JDD	CCB	mg/L		0.01200	0.012	
			CCV	mg/L	1.218	103 %	90-110	
			CCB	mg/L		0.0100	0.012	
			CCB	mg/L		0.0100	0.012	
			CCV	mg/L	1.218	102 %	90-110	
			CCB	mg/L		0.01200	0.012	
			CCV	mg/L	1.218	103 %	90-110	

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April 23, 2018 Lab ID : SP 1805000
Rincon Consultants, Inc. Customer : 2-25173

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem								
Phosphorus	4500-P B	04/20/18:204531JMR	Blank	mg/L		ND	<0.1	
			LCS	mg/L	0.5000	93.3 %	90-116	
			MS	mg/L	0.5000	62.6 %	25-292	
		(SP 1805000-001)	MSD	mg/L	0.5000	64.9 %	25-292	
			MSRPD	mg/L	0.5000	0.012	≤0.1	
Total Phosphorus	4500PE	04/23/18:205534JMR	CCB	mg/L		-0.016	0.1	
			CCV	mg/L	0.5000	98.6 %	90-110	
			CCB	mg/L		-0.007	0.1	
			CCV	mg/L	0.5000	92.7 %	90-110	
			CCB	mg/L		0.005	0.1	
			CCV	mg/L	0.5000	95.7 %	90-110	
Nitrogen, Total Kjeldahl	EPA351.2	04/17/18:205314JDD	CCB	mg/L		0.373	0.5	
			CCV	mg/L	5.000	98.6 %	90-110	
			CCB	mg/L		-0.301	0.5	
			CCV	mg/L	5.000	90.0 %	90-110	
			CCB	mg/L		-0.244	0.5	
			CCV	mg/L	5.000	93.8 %	90-110	
	EPA351.2	04/23/18:205582AMB	ICB	mg/L		0.447	0.5	
			ICV	mg/L	5.000	101 %	90-110	
			CCB	mg/L		0.337	0.5	
			CCV	mg/L	5.000	93.2 %	90-110	

Definition

ICV	: Initial Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
ICB	: Initial Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
CCV	: Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
CCB	: Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
Blank	: Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
LCS	: Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.
MS	: Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
MSD	: Matrix Spike Duplicate of MS/MSD pair - A random sample duplicate is spiked with a known amount of analyted. The recoveries are an indication of how that sample matrix affects analyte recovery.
MSRPD	: MS/MSD Relative Percent Difference (RPD) - The MS relative percent difference is an indication of precision for the preparation and analysis.
ND	: Non-detect - Result was below the DQO listed for the analyte.
DQO	: Data Quality Objective - This is the criteria against which the quality control data is compared.

Explanation

435	: Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.

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Laboratory Copy (1 of 3)

4053:03/05/2018

TEST DESCRIPTION - See Reverse side for Container, Preservative and Sampling information

Client: **Rincon Consultants, Inc.**
Address: Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Phone: (760)918-9444ext209 Fax:
Contact Person: Torin Snyder
Project Name: **Malibu WWTP - SW Monitoring**
Purchase Order Number:
Quote Number: **SP 20150526-01**

Sampler(s) Jaime Mcclain
Rincon Consultants

Sampling Fee: _____ Pickup Fee: _____
Compositor Setup Date: ___/___/___ Time: ___/___

Lab Number: **SP** 1805000 **2-25173**

Samp Num	Location Description	Date Sampled	Time Sampled	Method of Sampling: Composite(C) Grab(G)	Type of Sample **SEE REVERSE SIDE**	Potable(P) Non-Potable(NP) Ag Water(AgW)	Bacti Type: Other(O) System(SYS) Source(SR) Waste(W)	Bacti Reason: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O) Special(SPL)	Coliform-LTB-Series 15 Tube ***8 Hour Hold Time*** 120ml(PBa)-Na2S2O3	Wet Chemistry-NO3-N,NO2-N,N-Organic,Total P,NH3-N **NO2-N, NO3-N-48 Hour Hold Time*** 16oz(P), 16oz(P)-H2SO4							
1	N-001	04/13/18	1220	G	SW				1	1,1							
2	N-002	04/13/18	1200	G	SW				1	1,1							
3	N-003	04/13/18	1140	G	SW				1	1,1							
4	N-004	04/13/18	1255	G	SW				1	1,1							
5	L-001	04/13/18	0955	G	SW				1	1,1							
6	L-002	04/13/18	1050	G	SW				1	1,1							
7	L-003	04/13/18	1010	G	SW				1	1,1							
8	L-004	04/13/18	1105	G	SW				1	1,1							
9	L-005	04/13/18	1035	G	SW				1	1,1							
10	L-006	04/13/18	1130	G	SW				1	1,1							

Remarks:

Relinquished	Date:	Time:	Relinquished	Date:	Time:	Relinquished	Date:	Time:
	04/13/18	1843						
Received By:	**Date:**	**Time:**	**Received By:**	**Date:**	**Time:**	**Received By:**	**Date:**	**Time:**
	4/13/18	1845						

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Condition Upon Receipt (Attach to COC)

Sample Receipt at SP:

1. Number of ice chests/packages received: **OTC**
2. Shipper tracking numbers _____
3. Were samples received in a chilled condition?
   Temps: **ROI** / **15** / _____ / _____ / _____ / _____ / _____
4. Surface water (SWTR) bact samples: A sample that has a temperature upon receipt of >10C, whether iced or not, should be flagged unless the time since sample collection has been less than two hours.
5. Do the number of bottles received agree with the COC? **Yes** / **No** / **N/A**
6. Verify sample date, time, sampler **Yes** / **No** / **N/A**
7. Were the samples received intact? (i.e. no broken bottles, leaks, etc.) **Yes** / **No**
8. Were sample custody seals intact? **Yes** / **No** / **N/A**

Sample Verification, Labeling and Distribution:

1. Were all requested analyses understood and acceptable? **Yes** / **No**
2. Did bottle labels correspond with the client's ID's? **Yes** / **No**
3. Were all bottles requiring sample preservation properly preserved? **Yes** / **No** / **N/A** **FGL**
   [Exception: Oil & Grease, VOA and CrVI verified in lab]
4. VOAs checked for Headspace? **Yes** / **No** / **N/A**
5. Were all analyses within holding times at time of receipt? **Yes** / **No**
6. Have rush or project due dates been checked and accepted? **Yes** / **No** / **N/A**

Include a copy of the COC for lab delivery. (Bacti. Inorganics and Radio)

Sample Receipt, Login and Verification completed by:

Reviewed and Approved By **Shawn Peck** Digitally signed by Shawn Peck
Title: Sample Receiving
Date: 04/18/2018-10:07:56

Discrepency Documentation:

Any items above which are "No" or do not meet specifications (i.e. temps) must be resolved.

1. Person Contacted: _____ Phone Number: _____
   Initiated By: _____ Date: _____
   Problem:

   Resolution:

2. Person Contacted: _____ Phone Number: _____
   Initiated By: _____ Date: _____
   Problem:

   Resolution:

(2025173)
Rincon Consultants, Inc.
SP 1805000
SRP-04/18/2018-10:07:56

July 2, 2018

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

SP 1808096:1-4, 7, 9, 13-14 **COLIFORM BACTERIA ANALYSIS**
Customer ID : 2-25173

System Number :
Project Name : Malibu WWTP-GW-SNMP/MOU

Sample Handling Information

ID	Sample Number	Sample Description	Sample Type/Reason	Sampled By	Employed By	Sampled	Started	Finished
1	SP 1808096-001	SMBRP-9	Source-Other	Peter Doran	Not Available	06/20/2018 11:52	06/20/2018 15:33 AJS	06/24/2018 AJS
2	SP 1808096-002	MCWP-MW04S	Source-Other	Peter Doran	Not Available	06/20/2018 12:05	06/20/2018 15:37 AJS	06/23/2018 AJS
3	SP 1808096-003	MCWP-MW07S	Source-Other	Peter Doran	Not Available	06/20/2018 12:53	06/20/2018 15:40 AJS	06/24/2018 AJS
4	SP 1808096-004	SMBRP-12	Source-Other	Peter Doran	Not Available	06/20/2018 11:14	06/20/2018 15:43 AJS	06/24/2018 AJS
5	SP 1808096-007	MCWP-MW09	Source-Other	Peter Doran	Not Available	06/20/2018 10:43	06/20/2018 15:46 AJS	06/24/2018 AJS
6	SP 1808096-009	LAMW-5S	Source-Other	Peter Doran	Not Available	06/20/2018 11:11	06/20/2018 15:49 AJS	06/24/2018 AJS
7	SP 1808096-013	MBCMW-9	Source-Other	Peter Doran	Not Available	06/20/2018 12:17	06/20/2018 15:52 AJS	06/23/2018 AJS
8	SP 1808096-014	SMBRP-7B	Source-Other	Peter Doran	Not Available	06/20/2018 12:33	06/20/2018 15:54 AJS	06/23/2018 AJS

Analytical Results

ID	Sample Description	Chlorine Total/Free	Temp °C	Method	Units	Total	Fecal	E. Coli	Person Notified ‡	Date ‡ Notified	Time ‡ Notified	Foot Note
1	SMBRP-9	---	---	SM 9221B	MPN/100ml	110 PRESENT	<1.8 ABSENT	---	N/R			
2	MCWP-MW04S	---	---	SM 9221B	MPN/100ml	2 PRESENT	<1.8 ABSENT	---	N/R			
3	MCWP-MW07S	---	---	SM 9221B	MPN/100ml	24 PRESENT	<1.8 ABSENT	---	N/R			
4	SMBRP-12	---	---	SM 9221B	MPN/100ml	2 PRESENT	<1.8 ABSENT	---	N/R			
5	MCWP-MW09	---	---	SM 9221B	MPN/100ml	9.3 PRESENT	<1.8 ABSENT	---	N/R			
6	LAMW-5S	---	---	SM 9221B	MPN/100ml	7.8 PRESENT	<1.8 ABSENT	---	N/R			
7	MBCMW-9	---	---	SM 9221B	MPN/100ml	2 PRESENT	<1.8 ABSENT	---	N/R			
8	SMBRP-7B	---	---	SM 9221B	MPN/100ml	12 PRESENT	<1.8 ABSENT	---	N/R			

N/R Not Required. MPN Most Probable Number A/P Absence/Presence ‡ Client Notification details.

Analyses were performed using Standard Methods 21st edition. If you have any questions regarding your results, please call.

RRH:SLK

Reviewed and Approved By **Raquel R. Harvey**

Digitally signed by Raquel R. Harvey
Title: Tech Director Microbiology
Date: 2018-07-06

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July 9, 2018

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Lab ID : SP 1808096
Customer : 2-25173

Laboratory Report

Introduction: This report package contains total of 13 pages divided into 3 sections:

Case Narrative	(2 pages)	: An overview of the work performed at FGL.
Sample Results	(9 pages)	: Results for each sample submitted.
Quality Control	(2 pages)	: Supporting Quality Control (QC) results.

Case Narrative

This Case Narrative pertains to the following samples:

Sample Description	Date Sampled	Date Received	FGL Lab ID #	Matrix
SMBRP-9	06/20/2018	06/20/2018	SP 1808096-001	MW
MCWP-MW04S	06/20/2018	06/20/2018	SP 1808096-002	MW
MCWP-MW07S	06/20/2018	06/20/2018	SP 1808096-003	MW
SMBRP-12	06/20/2018	06/20/2018	SP 1808096-004	MW
MCWP-MW09	06/20/2018	06/20/2018	SP 1808096-007	MW
LAMW-5S	06/20/2018	06/20/2018	SP 1808096-009	MW
MBCMW-9	06/20/2018	06/20/2018	SP 1808096-013	MW
SMBRP-7B	06/20/2018	06/20/2018	SP 1808096-014	MW
MCWP-MW06	06/20/2018	06/20/2018	SP 1808096-016	MW

Sampling and Receipt Information: All samples were received in acceptable condition and within temperature requirements, unless noted on the Condition Upon Receipt (CUR) form. All samples arrived on ice. All samples were prepared and analyzed within the method specified hold time. All samples were checked for pH if acid or base preservation is required (except for VOAs). For details of sample receipt information, please see the attached Chain of Custody and Condition Upon Receipt Form.

Quality Control: All samples were prepared and analyzed according to the following tables:

Inorganic - Wet Chemistry QC

2540CE	06/22/2018:207298 All preparation quality controls are within established criteria, except: The following note applies to Total Dissolved Solids (TFR): 440 Sample nonhomogeneity may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
351.2	07/02/2018:207666 All preparation quality controls are within established criteria.
4500NH3G	06/21/2018:208846 All analysis quality controls are within established criteria.

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July 9, 2018 Lab ID : SP 1808096
Rincon Consultants, Inc. Customer : 2-25173

Inorganic - Wet Chemistry QC

4500NH3G	06/21/2018:207202 All preparation quality controls are within established criteria.
4500NO2F	06/21/2018:207259 All preparation quality controls are within established criteria.
4500NO3F	06/21/2018:208888 All analysis quality controls are within established criteria.
	06/21/2018:208889 All analysis quality controls are within established criteria.
	06/21/2018:207258 All preparation quality controls are within established criteria.
4500-P B	06/27/2018:207516 All preparation quality controls are within established criteria.
4500PE	06/28/2018:209216 All analysis quality controls are within established criteria.
EPA351.2	07/03/2018:209509 All analysis quality controls are within established criteria.

Certification:: I certify that this data package is in compliance with ELAP standards, both technically and for completeness, except for any conditions listed above. Release of the data contained in this data package is authorized by the Laboratory Director or his designee, as verified by the following electronic signature.

KD:DMB

Approved By **Kelly A. Dunnahoo, B.S.** Digitally signed by Kelly A. Dunnahoo, B.S.
Title: Laboratory Director
Date: 2018-07-09

July 9, 2018

Lab ID : SP 1808096-001
Customer ID : 2-25173

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Sampled On : June 20, 2018-11:52
Sampled By : Peter Doran
Received On : June 20, 2018-15:00
Matrix : Monitoring Well

Description : SMBRP-9
Project : Malibu WWTP-GW-SNMP/MOU

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	18.5	0.1	0.032	mg/L	1		4500NO3F	207258	06/21/18 10:00	4500NO3F	208889-FI207	06/21/18-11:19JDD
Nitrite Nitrogen	0.0170	0.1	0.011	mg/L	1	J	4500NO2F	207259	06/21/18 10:00	4500NO3F	208888-FI207	06/21/18-11:16JDD
Nitrogen, Organic	ND	0.5	0.072	mg/L	1	U	4500NH3G	207202	06/21/18 05:00	4500NH3G	208846-FI207	06/21/18-08:14AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	U	4500NH3G	207202	06/21/18 05:00	4500NH3G	208846-FI207	06/21/18-08:14AMB
Kjeldahl Nitrogen	ND	0.5	0.32	mg/L	1	U	351.2	207666	07/02/18 07:36	EPA351.2	209509-FI206	07/03/18-09:14AMB
Phosphorus, Total	0.376	0.1	0.020	mg/L	1	b	4500-P B	207516	06/27/18 12:30	4500PE	209216-UV205	06/28/18-11:30JMR
Total Dissolved Solids (TFR)	1900	20	5.8	mg/L	1		2540CE	207298	06/22/18 15:59	2540C	208985-WT219	06/25/18-06:34AMB

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
U	Constituent results were non-detect.
J	Reported value is estimated; detected at a concentration below the PQL and above the laboratory MDL.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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July 9, 2018

Lab ID : SP 1808096-002
Customer ID : 2-25173

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Sampled On : June 20, 2018-12:05
Sampled By : Peter Doran
Received On : June 20, 2018-15:00
Matrix : Monitoring Well

Description : MCWP-MW04S
Project : Malibu WWTP-GW-SNMP/MOU

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	0.500	0.1	0.032	mg/L	1		4500NO3F	207258	06/21/18 10:00	4500NO3F	208889-FI207	06/21/18-11:21JDD
Nitrite Nitrogen	0.0140	0.1	0.011	mg/L	1	J	4500NO2F	207259	06/21/18 10:00	4500NO3F	208888-FI207	06/21/18-11:19JDD
Nitrogen, Organic	0.800	0.5	0.072	mg/L	1		4500NH3G	207202	06/21/18 05:00	4500NH3G	208846-FI207	06/21/18-07:39AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	U	4500NH3G	207202	06/21/18 05:00	4500NH3G	208846-FI207	06/21/18-07:39AMB
Kjeldahl Nitrogen	0.800	0.5	0.32	mg/L	1		351.2	207666	07/02/18 07:36	EPA351.2	209509-FI206	07/03/18-09:18AMB
Phosphorus, Total	0.262	0.1	0.020	mg/L	1	b	4500-P B	207516	06/27/18 12:30	4500PE	209216-UV205	06/28/18-11:30JMR
Total Dissolved Solids (TFR)	5830	20	5.8	mg/L	1		2540CE	207298	06/22/18 15:59	2540C	208985-WT219	06/25/18-06:59AMB

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
U	Constituent results were non-detect.
J	Reported value is estimated; detected at a concentration below the PQL and above the laboratory MDL.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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July 9, 2018

Lab ID : SP 1808096-003
Customer ID : 2-25173

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Sampled On : June 20, 2018-12:53
Sampled By : Peter Doran
Received On : June 20, 2018-15:00
Matrix : Monitoring Well

Description : MCWP-MW07S
Project : Malibu WWTP-GW-SNMP/MOU

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	3.20	0.1	0.032	mg/L	1		4500NO3F	207258	06/21/18 10:00	4500NO3F	208889-FI207	06/21/18-11:24JDD
Nitrite Nitrogen	0.0310	0.1	0.011	mg/L	1	J	4500NO2F	207259	06/21/18 10:00	4500NO3F	208888-FI207	06/21/18-11:21JDD
Nitrogen, Organic	0.566	0.5	0.072	mg/L	1		4500NH3G	207202	06/21/18 05:00	4500NH3G	208846-FI207	06/21/18-07:43AMB
Ammonia Nitrogen	0.117	0.2	0.072	mg/L	1		4500NH3G	207202	06/21/18 05:00	4500NH3G	208846-FI207	06/21/18-07:43AMB
Kjeldahl Nitrogen	0.683	0.5	0.32	mg/L	1		351.2	207666	07/02/18 07:36	EPA351.2	209509-FI206	07/03/18-09:19AMB
Phosphorus, Total	0.525	0.1	0.020	mg/L	1	b	4500-P B	207516	06/27/18 12:30	4500PE	209216-UV205	06/28/18-11:30JMR
Total Dissolved Solids (TFR)	1150	20	5.8	mg/L	1		2540CE	207298	06/22/18 15:59	2540C	208985-WT219	06/25/18-07:08AMB

DQF Flags Definition:

b The Blank was detected above method MDL for constituent but less than the PQL

J Reported value is estimated; detected at a concentration below the PQL and above the laboratory MDL.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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July 9, 2018

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Description : SMBRP-12
Project : Malibu WWTP-GW-SNMP/MOU

Lab ID : SP 1808096-004
Customer ID : 2-25173

Sampled On : June 20, 2018-11:14
Sampled By : Peter Doran
Received On : June 20, 2018-15:00
Matrix : Monitoring Well

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	0.100	0.1	0.032	mg/L	1		4500NO3F	207258	06/21/18 10:00	4500NO3F	208889-FI207	06/21/18-11:26JDD
Nitrite Nitrogen	0.0120	0.1	0.011	mg/L	1	J	4500NO2F	207259	06/21/18 10:00	4500NO3F	208888-FI207	06/21/18-11:24JDD
Nitrogen, Organic	ND	0.5	0.072	mg/L	1		4500NH3G	207202	06/21/18 05:00	4500NH3G	208846-FI207	06/21/18-07:36AMB
Ammonia Nitrogen	4.25	0.2	0.072	mg/L	1		4500NH3G	207202	06/21/18 05:00	4500NH3G	208846-FI207	06/21/18-07:36AMB
Kjeldahl Nitrogen	3.89	0.5	0.32	mg/L	1		351.2	207666	07/02/18 07:36	EPA351.2	209509-FI206	07/03/18-09:20AMB
Phosphorus, Total	1.80	0.1	0.020	mg/L	1	b	4500-P B	207516	06/27/18 12:30	4500PE	209216-UV205	06/28/18-11:30JMR
Total Dissolved Solids (TFR)	1580	20	5.8	mg/L	1		2540CE	207298	06/22/18 15:59	2540C	208985-WT219	06/25/18-06:48AMB

DQF Flags Definition:

b The Blank was detected above method MDL for constituent but less than the PQL

J Reported value is estimated; detected at a concentration below the PQL and above the laboratory MDL.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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July 9, 2018

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Description : MCWP-MW09
Project : Malibu WWTP-GW-SNMP/MOU

Lab ID : SP 1808096-007
Customer ID : 2-25173

Sampled On : June 20, 2018-10:43
Sampled By : Peter Doran
Received On : June 20, 2018-15:00
Matrix : Monitoring Well

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	0.100	0.1	0.032	mg/L	1		4500NO3F	207258	06/21/18 10:00	4500NO3F	208889-FI207	06/21/18-11:29JDD
Nitrite Nitrogen	0.0120	0.1	0.011	mg/L	1	J	4500NO2F	207259	06/21/18 10:00	4500NO3F	208888-FI207	06/21/18-11:26JDD
Nitrogen, Organic	ND	0.5	0.072	mg/L	1		4500NH3G	207202	06/21/18 05:00	4500NH3G	208846-FI207	06/21/18-08:23AMB
Ammonia Nitrogen	3.19	0.2	0.072	mg/L	1		4500NH3G	207202	06/21/18 05:00	4500NH3G	208846-FI207	06/21/18-08:23AMB
Kjeldahl Nitrogen	1.51	0.5	0.32	mg/L	1		351.2	207666	07/02/18 07:36	EPA351.2	209509-FI206	07/03/18-09:21AMB
Phosphorus, Total	0.139	0.1	0.020	mg/L	1	b	4500-P B	207516	06/27/18 12:30	4500PE	209216-UV205	06/28/18-11:30JMR
Total Dissolved Solids (TFR)	2460	34	5.8	mg/L	1.7	bI	2540CE	207298	06/22/18 12:15	2540C	208985-WT219	06/25/18-06:48AMB

DQF Flags Definition:

b The Blank was detected above method MDL for constituent but less than the PQL
J Reported value is estimated; detected at a concentration below the PQL and above the laboratory MDL.
I Reported value is estimated due to RPD exceedance.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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July 9, 2018

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Description : LAMW-5S
Project : Malibu WWTP-GW-SNMP/MOU

Lab ID : SP 1808096-009
Customer ID : 2-25173

Sampled On : June 20, 2018-11:11
Sampled By : Peter Doran
Received On : June 20, 2018-15:00
Matrix : Monitoring Well

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	13.3	0.1	0.032	mg/L	1		4500NO3F	207258	06/21/18 10:00	4500NO3F	208889-FI207	06/21/18-11:31JDD
Nitrite Nitrogen	0.0150	0.1	0.011	mg/L	1	J	4500NO2F	207259	06/21/18 10:00	4500NO3F	208888-FI207	06/21/18-11:29JDD
Nitrogen, Organic	ND	0.5	0.072	mg/L	1	U	4500NH3G	207202	06/21/18 05:00	4500NH3G	208846-FI207	06/21/18-08:19AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	U	4500NH3G	207202	06/21/18 05:00	4500NH3G	208846-FI207	06/21/18-08:19AMB
Kjeldahl Nitrogen	ND	0.5	0.32	mg/L	1	U	351.2	207666	07/02/18 07:36	EPA351.2	209509-FI206	07/03/18-09:22AMB
Phosphorus, Total	2.00	0.5	0.020	mg/L	5	b	4500-P B	207516	06/27/18 12:30	4500PE	209216-UV205	06/28/18-11:30JMR
Total Dissolved Solids (TFR)	618	20	5.8	mg/L	1	bI	2540CE	207298	06/22/18 12:15	2540C	208985-WT219	06/25/18-06:26AMB

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
U	Constituent results were non-detect.
J	Reported value is estimated; detected at a concentration below the PQL and above the laboratory MDL.
I	Reported value is estimated due to RPD exceedance.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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July 9, 2018

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Description : MBCMW-9
Project : Malibu WWTP-GW-SNMP/MOU

Lab ID : SP 1808096-013
Customer ID : 2-25173

Sampled On : June 20, 2018-12:17
Sampled By : Peter Doran
Received On : June 20, 2018-15:00
Matrix : Monitoring Well

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	0.200	0.1	0.032	mg/L	1		4500NO3F	207258	06/21/18 10:00	4500NO3F	208889-FI207	06/21/18-11:34JDD
Nitrite Nitrogen	0.0140	0.1	0.011	mg/L	1	J	4500NO2F	207259	06/21/18 10:00	4500NO3F	208888-FI207	06/21/18-11:31JDD
Nitrogen, Organic	1.17	0.5	0.072	mg/L	1		4500NH3G	207202	06/21/18 05:00	4500NH3G	208846-FI207	06/21/18-08:21AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	U	4500NH3G	207202	06/21/18 05:00	4500NH3G	208846-FI207	06/21/18-08:21AMB
Kjeldahl Nitrogen	1.17	0.5	0.32	mg/L	1		351.2	207666	07/02/18 07:36	EPA351.2	209509-FI206	07/03/18-09:23AMB
Phosphorus, Total	0.356	0.1	0.020	mg/L	1	b	4500-P B	207516	06/27/18 12:30	4500PE	209216-UV205	06/28/18-11:30JMR
Total Dissolved Solids (TFR)	7290	49	5.8	mg/L	2.4286		2540CE	207298	06/22/18 15:59	2540C	208985-WT219	06/25/18-06:56AMB

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
U	Constituent results were non-detect.
J	Reported value is estimated; detected at a concentration below the PQL and above the laboratory MDL.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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July 9, 2018

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Description : SMBRP-7B
Project : Malibu WWTP-GW-SNMP/MOU

Lab ID : SP 1808096-014
Customer ID : 2-25173

Sampled On : June 20, 2018-12:33
Sampled By : Peter Doran
Received On : June 20, 2018-15:00
Matrix : Monitoring Well

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	0.200	0.1	0.032	mg/L	1		4500NO3F	207258	06/21/18 10:00	4500NO3F	208889-FI207	06/21/18-11:36JDD
Nitrite Nitrogen	0.0130	0.1	0.011	mg/L	1	J	4500NO2F	207259	06/21/18 10:00	4500NO3F	208888-FI207	06/21/18-11:34JDD
Nitrogen, Organic	ND	0.5	0.072	mg/L	1	U	4500NH3G	207202	06/21/18 05:00	4500NH3G	208846-FI207	06/21/18-08:16AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	U	4500NH3G	207202	06/21/18 05:00	4500NH3G	208846-FI207	06/21/18-08:16AMB
Kjeldahl Nitrogen	ND	0.5	0.32	mg/L	1	U	351.2	207666	07/02/18 07:36	EPA351.2	209509-FI206	07/03/18-09:24AMB
Phosphorus, Total	0.224	0.1	0.020	mg/L	1	b	4500-P B	207516	06/27/18 12:30	4500PE	209216-UV205	06/28/18-11:30JMR
Total Dissolved Solids (TFR)	3480	34	5.8	mg/L	1.7	bI	2540CE	207298	06/22/18 12:15	2540C	208985-WT219	06/25/18-06:38AMB

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
U	Constituent results were non-detect.
J	Reported value is estimated; detected at a concentration below the PQL and above the laboratory MDL.
I	Reported value is estimated due to RPD exceedance.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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July 9, 2018

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Description : MCWP-MW06
Project : Malibu WWTP-GW-SNMP/MOU

Lab ID : SP 1808096-016
Customer ID : 2-25173

Sampled On : June 20, 2018-09:07
Sampled By : Peter Doran
Received On : June 20, 2018-15:00
Matrix : Monitoring Well

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	0.200	0.1	0.032	mg/L	1		4500NO3F	207258	06/21/18 10:00	4500NO3F	208889-FI207	06/21/18-11:39JDD
Total Dissolved Solids (TFR)	1770	20	5.8	mg/L	1	bI	2540CE	207298	06/22/18 12:15	2540C	208985-WT219	06/25/18-06:27AMB

DQF Flags Definition:

b The Blank was detected above method MDL for constituent but less than the PQL

I Reported value is estimated due to RPD exceedance.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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July 9, 2018 Lab ID : SP 1808096
Rincon Consultants, Inc. Customer : 2-25173

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem								
Total Dissolved Solids (TFR)	2540CE	06/22/18:207298CTL	Blank	mg/L		ND	<20	
			LCS	mg/L	992.5	95.8 %	90-110	
		(CH 1874600-002)	Dup	mg/L		6.5%	5	440
		(CH 1874600-003)	Dup	mg/L		2.3%	5	
			Blank	mg/L		ND	<20	
			LCS	mg/L	992.5	96.2 %	90-110	
		(SP 1808079-001)	Dup	mg/L		0.8%	5	
		(SP 1808158-001)	Dup	mg/L		1.1%	5	
Nitrogen, Total Kjeldahl	351.2	07/02/18:207666jmg	Blank	mg/L		ND	<0.5	
			LCS	mg/L	12.00	85.8 %	73-124	
			MS	mg/L	12.00	89.0 %	54-136	
		(CH 1874675-001)	MSD	mg/L	12.00	90.7 %	54-136	
			MSRPD	mg/L	12.00	1.8%	≤27	
Ammonia Nitrogen	4500NH3G		MS	mg/L	2.000	121 %	70-130	
		(STK1838621-002)	MSD	mg/L	2.000	125 %	70-130	
			MSRPD	mg/L	2.000	2.9%	≤20	
			MS	mg/L	2.000	118 %	70-130	
		(SP 1808088-002)	MSD	mg/L	2.000	118 %	70-130	
			MSRPD	mg/L	2.000	0.3%	≤20	
	4500NH3G	06/21/18:208846AMB	CCB	mg/L		-0.078	0.1	
			CCV	mg/L	2.000	106 %	90-110	
			CCB	mg/L		-0.078	0.1	
			CCV	mg/L	2.000	106 %	90-110	
			CCB	mg/L		0.000	0.1	
			CCV	mg/L	2.000	104 %	90-110	
Nitrite as Nitrogen	4500NO2F		MS	mg/L	1.218	80.4 %	50-150	
		(SP 1808087-001)	MSD	mg/L	1.218	80.8 %	50-150	
			MSRPD	mg/L	1.218	0.5%	≤30	
Nitrate + Nitrite as N	4500NO3F		MS	mg/L	28.17	37.2 %	5-285	
		(SP 1808087-001)	MSD	mg/L	28.17	37.4 %	5-285	
			MSRPD	mg/L	28.17	0.5%	≤30.4	
	4500NO3F	06/21/18:208889JDD	CCB	mg/L		0.120	0.2	
			CCV	mg/L	11.27	94.4 %	90-110	
			CCB	mg/L		0.112	0.2	
			CCV	mg/L	11.27	94.6 %	90-110	
Nitrite as Nitrogen	4500NO3F	06/21/18:208888JDD	CCB	mg/L		0.01200	0.012	
			CCV	mg/L	1.218	105 %	90-110	
			CCB	mg/L		0.0100	0.012	
			CCV	mg/L	1.218	105 %	90-110	
Phosphorus	4500-P B	06/27/18:207516JMR	Blank	mg/L		ND	<0.1	
			LCS	mg/L	0.5000	102 %	90-116	
			MS	mg/L	0.5000	73.1 %	25-292	
		(SP 1808096-001)	MSD	mg/L	0.5000	62.0 %	25-292	
			MSRPD	mg/L	0.5000	7.8%	≤13.2	
Total Phosphorus	4500PE	06/28/18:209216JMR	CCB	mg/L		-0.080	0.1	
			CCV	mg/L	0.5000	93.3 %	90-110	
			CCB	mg/L		-0.068	0.1	
			CCV	mg/L	0.5000	94.5 %	90-110	
			CCB	mg/L		-0.089	0.1	
			CCV	mg/L	0.5000	98.0 %	90-110	
Nitrogen, Total Kjeldahl	EPA351.2	07/03/18:209509AMB	ICB	mg/L		0.134	0.5	
			ICV	mg/L	5.000	99.8 %	90-110	
			CCB	mg/L		0.190	0.5	
			CCV	mg/L	5.000	98.4 %	90-110	
			CCB	mg/L		0.224	0.5	

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July 9, 2018 Lab ID : SP 1808096

Rincon Consultants, Inc. Customer : 2-25173

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem								
Nitrogen, Total Kjeldahl	EPA351.2	07/03/18:209509AMB	CCV	mg/L	5.000	97.6 %	90-110	

Definition

ICV	: Initial Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
ICB	: Initial Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
CCV	: Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
CCB	: Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
Blank	: Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
LCS	: Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.
MS	: Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
MSD	: Matrix Spike Duplicate of MS/MSD pair - A random sample duplicate is spiked with a known amount of analyted. The recoveries are an indication of how that sample matrix affects analyte recovery.
Dup	: Duplicate Sample - A random sample with each batch is prepared and analyzed in duplicate. The relative percent difference is an indication of precision for the preparation and analysis.
MSRPD	: MS/MSD Relative Percent Difference (RPD) - The MS relative percent difference is an indication of precision for the preparation and analysis.
ND	: Non-detect - Result was below the DQO listed for the analyte.
DQO	: Data Quality Objective - This is the criteria against which the quality control data is compared.

Explanation

440	: Sample nonhomogeneity may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.

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Laboratory Copy (1 of 3)

4259:06/04/2018

TEST DESCRIPTION - See Reverse side for Container, Preservative and Sampling information

Client: **Rincon Consultants, Inc.**

Address: Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Phone: (760)918-9444ext209 Fax:

Contact Person: Torin Snyder

Project Name: **Malibu WWTP-GW-SNMP/MOU**

Purchase Order Number:

Quote Number: **SP 20150526-01**

Sampler(s) Peter Doran

Sampling Fee: _____ Pickup Fee: _____

Compositor Setup Date: ___/___/___ Time: ___/___

Lab Number: **SP** 1808096 2-25173

Samp Num	Location Description	Date Sampled	Time Sampled	Method of Sampling: Composite(C) Grab(G)	Type of Sample **SEE REVERSE SIDE**	Potable(P) Non-Potable(NP) Ag Water(AgW)	Bacti Type: Other(O) System(SYS) Source(SR) Waste(W)	Bacti Reason: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O) Special(SPL)	Coliform-LTB-Series 15 Tube ***8 Hour Hold Time*** 120ml(PBa)-Na2S2O3	Wet Chemistry-NO3-N,NO2-N,N-Organic,Total P,NH3-N,TDS ***NO2-N, NO3-N-48 Hour Hold Time*** 16oz(P), 16oz(P)-H2SO4	Wet Chemistry-NO3-N,TDS ***NO3-N-48 Hour Hold Time*** 16oz(P)						
1	SMBRP-9	6/20/18	1152	G	MW				1	1,1							
2	MCWP-MW04S	6/20/18	1205	G	MW				1	1,1							
3	MCWP-MW07S	6/20/18	1253	G	MW				1	1,1							
4	SMBRP-12	6/20/18	1114	G	MW				1	1,1							
5	~~MCWP-04D~~			~~G~~	~~MW~~				1	1,1		P5					
6	~~MCWP-07D~~			~~G~~	~~MW~~				1	1,1		P5					
7	MCWP-MW09	6/20/18	1043	G	MW				1	1,1							
8	~~TY-MW-1~~			~~G~~	~~MW~~				1	1,1		P5					
9	LAMW-5S	6/20/18	1111	G	MW				1	1,1							
10	~~SMBRP-13~~			~~G~~	~~MW~~				1	1,1		P5					

Remarks: **Multiple Chains**

Relinquished	Date:	Time:	Relinquished	Date:	Time:	Relinquished	Date:	Time:
	6.20.18	1350		6/20/18	1502			
Received By:	**Date:**	**Time:**	**Received By:**	**Date:**	**Time:**	**Received By:**	**Date:**	**Time:**
	6/20/18	1350		↓	↓			

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4259:06/04/2018

Client: **Rincon Consultants, Inc.**
Address: Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Phone: (760)918-9444ext209 Fax:
Contact Person: Torin Snyder
Project Name: **Malibu WWTP-GW-SNMP/MOU**
Purchase Order Number:
Quote Number: **SP 20150526-01**

Sampler(s) Peter Doran

Sampling Fee: _____ Pickup Fee: _____
Compositor Setup Date: ___/___/___ Time: ___/___

Lab Number: **SP** 1808096 **2-25173**

Samp Num	Location Description	Date Sampled	Time Sampled	Method of Sampling: Composite(C) Grab(G)	Type of Sample **SEE REVERSE SIDE**	Potable(P) Non-Potable(NP) Ag Water(AgW)	Bacti Type: Other(O) System(SYS) Source(SR) Waste(W)	Bacti Reason: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O) Special(SPL)	Coliform-LTB-Series 15 Tube ***8 Hour Hold Time*** 120ml(PBa)-Na2S2O3	Wet Chemistry-NO3-N,NO2-N,N-Organic,Total P,NH3-N,TDS ***NO2-N, NO3-N-48 Hour Hold Time*** 16oz(P), 16oz(P)-H2SO4	Wet Chemistry-NO3-N,TDS ***NO3-N-48 Hour Hold Time*** 16oz(P)						
11	~~MCWP-MW10~~			G	MW				1	1,1			PO				
12	~~CCPE~~			G	MW				1	1,1			PO				
13	MBCMW-9	6/20/18	1247	G	MW				1	1,1							
14	SMBRP-7B	6/20/18	1233	G	MW				1	1,1							
15	~~MCWP-MW05~~			G	MW						1		PO				
16	MCWP-MW06	6/20/18	0907	G	MW						1						

Remarks: **Multiple Chains**

Relinquished	Date:	Time:	Relinquished	Date:	Time:	Relinquished	Date:	Time:
	6.20.18	1340		6/20/18	1520			
Received By:	**Date:**	**Time:**	**Received By:**	**Date:**	**Time:**	**Received By:**	**Date:**	**Time:**
	6/20/18	1340		↓	↓			

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Condition Upon Receipt (Attach to COC)

Sample Receipt at SP:

1. Number of ice chests/packages received: **OTC**
2. Shipper tracking numbers _____
3. Were samples received in a chilled condition?
   Temps: **ROI** / _____ / _____ / _____ / _____ / _____ / _____
4. Surface water (SWTR) bact samples: A sample that has a temperature upon receipt of >10C, whether iced or not, should be flagged unless the time since sample collection has been less than two hours.
5. Do the number of bottles received agree with the COC? **Yes** / **No** / **N/A**
6. Verify sample date, time, sampler **Yes** / **No** / **N/A**
7. Were the samples received intact? (i.e. no broken bottles, leaks, etc.) **Yes** / **No**
8. Were sample custody seals intact? **Yes** / **No** / **N/A**

Sample Verification, Labeling and Distribution:

1. Were all requested analyses understood and acceptable? **Yes** / **No**
2. Did bottle labels correspond with the client's ID's? **Yes** / **No**
3. Were all bottles requiring sample preservation properly preserved? **Yes** / **No** / **N/A** **FGL**
   [Exception: Oil & Grease, VOA and CrVI verified in lab]
4. VOAs checked for Headspace? **Yes** / **No** / **N/A**
5. Were all analyses within holding times at time of receipt? **Yes** / **No**
6. Have rush or project due dates been checked and accepted? **Yes** / **No** / **N/A**

Include a copy of the COC for lab delivery. (Bacti. Inorganics and Radio)

Sample Receipt, Login and Verification completed by: Reviewed and Approved By **Cynthia T Casarez** Digitally signed by Cynthia T Casarez Title: Sample Receiving Date: 06/26/2018-17:01:42

Discrepency Documentation:

Any items above which are "No" or do not meet specifications (i.e. temps) must be resolved.

1. Person Contacted: _____ Phone Number: _____
   Initiated By: _____ Date: _____
   Problem:

   Resolution:

2. Person Contacted: _____ Phone Number: _____
   Initiated By: _____ Date: _____
   Problem:

   Resolution:

(2025173)
Rincon Consultants, Inc.
SP 1808096
CTC-06/26/2018-17:01:42

June 26, 2018

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

SP 1808251:5-6 **COLIFORM BACTERIA ANALYSIS**
Customer ID : 2-25173

System Number :
Project Name : Malibu WWTP-GW-SNMP/MOU

Sample Handling Information

ID	Sample Number	Sample Description	Sample Type/Reason	Sampled By	Employed By	Sampled	Started	Finished
1	SP 1808251-005	MCWP-04D	Source-Other	Peter Doran / Ryan	Not Available	06/21/2018 13:50	06/21/2018 15:26 rv	06/23/2018 rv
2	SP 1808251-006	MCWP-07D	Source-Other	Peter Doran / Ryan	Not Available	06/21/2018 08:05	06/21/2018 15:28 rv	06/24/2018 rv

Analytical Results

ID	Sample Description	Chlorine Total/Free	Temp °C	Method	Units	Total	Fecal	E. Coli	Person Notified ‡	Date ‡ Notified	Time ‡ Notified	Foot Note
1	MCWP-04D	---	---	SM 9221B	MPN/100ml	<1.8 ABSENT	<1.8 ABSENT	---	N/R			
2	MCWP-07D	---	---	SM 9221B	MPN/100ml	4.5 PRESENT	<1.8 ABSENT	---	N/R			

N/R Not Required. MPN Most Probable Number A/P Absence/Presence ‡ Client Notification details.

Analyses were performed using Standard Methods 21st edition. If you have any questions regarding your results, please call.

RRH:SLK

Reviewed and Approved By **Raquel R. Harvey**
Digitally signed by Raquel R. Harvey
Title: Tech Director Microbiology
Date: 2018-06-27

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July 9, 2018

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Lab ID : SP 1808251
Customer : 2-25173

Laboratory Report

Introduction: This report package contains total of 7 pages divided into 3 sections:

Case Narrative	(2 pages)	: An overview of the work performed at FGL.
Sample Results	(3 pages)	: Results for each sample submitted.
Quality Control	(2 pages)	: Supporting Quality Control (QC) results.

Case Narrative

This Case Narrative pertains to the following samples:

Sample Description	Date Sampled	Date Received	FGL Lab ID #	Matrix
MCWP-04D	06/21/2018	06/21/2018	SP 1808251-005	MW
MCWP-07D	06/21/2018	06/21/2018	SP 1808251-006	MW
MCWP-MW05	06/21/2018	06/21/2018	SP 1808251-015	MW

Sampling and Receipt Information: All samples were received in acceptable condition and within temperature requirements, unless noted on the Condition Upon Receipt (CUR) form. All samples arrived on ice. All samples were prepared and analyzed within the method specified hold time. All samples were checked for pH if acid or base preservation is required (except for VOAs). For details of sample receipt information, please see the attached Chain of Custody and Condition Upon Receipt Form.

Quality Control: All samples were prepared and analyzed according to the following tables:

Inorganic - Wet Chemistry QC

2540CE	06/25/2018:207390 All preparation quality controls are within established criteria.
351.2	07/02/2018:207666 All preparation quality controls are within established criteria.
4500NH3G	06/22/2018:208906 All analysis quality controls are within established criteria.
	06/22/2018:207271 All preparation quality controls are within established criteria, except: The following note applies to Ammonia Nitrogen: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
4500NO2F	06/21/2018:207259 All preparation quality controls are within established criteria.
	06/22/2018:207318 All preparation quality controls are within established criteria.

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July 9, 2018 Lab ID : SP 1808251
Rincon Consultants, Inc. Customer : 2-25173

Inorganic - Wet Chemistry QC

4500NO3F	06/21/2018:208897 All analysis quality controls are within established criteria.
	06/21/2018:208898 All analysis quality controls are within established criteria.
	06/22/2018:208969 All analysis quality controls are within established criteria.
	06/22/2018:208970 All analysis quality controls are within established criteria.
	06/21/2018:207258 All preparation quality controls are within established criteria.
	06/22/2018:207317 All preparation quality controls are within established criteria.
4500-P B	07/05/2018:207830 All preparation quality controls are within established criteria.
4500PE	07/09/2018:209601 All analysis quality controls are within established criteria.
EPA351.2	07/03/2018:209509 All analysis quality controls are within established criteria.

Certification:: I certify that this data package is in compliance with ELAP standards, both technically and for completeness, except for any conditions listed above. Release of the data contained in this data package is authorized by the Laboratory Director or his designee, as verified by the following electronic signature.

KD:DMB

Approved By **Kelly A. Dunnahoo, B.S.** Digitally signed by Kelly A. Dunnahoo, B.S.
Title: Laboratory Director
Date: 2018-07-09

July 9, 2018

Lab ID : SP 1808251-005
Customer ID : 2-25173

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Sampled On : June 21, 2018-13:50
Sampled By : Peter Doran / Ryan
Received On : June 21, 2018-15:10
Matrix : Monitoring Well

Description : MCWP-04D
Project : Malibu WWTP-GW-SNMP/MOU

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	1.70	0.1	0.032	mg/L	1		4500NO3F	207258	06/21/18 14:00	4500NO3F	208898-FI207	06/21/18-17:17JDD
Nitrite Nitrogen	0.0140	0.1	0.011	mg/L	1	J	4500NO2F	207259	06/21/18 14:00	4500NO3F	208897-FI207	06/21/18-17:15JDD
Nitrogen, Organic	ND	0.5	0.072	mg/L	1	Uh	4500NH3G	207271	06/22/18 05:00	4500NH3G	208906-FI207	06/22/18-07:54AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	Uh	4500NH3G	207271	06/22/18 05:00	4500NH3G	208906-FI207	06/22/18-07:54AMB
Kjeldahl Nitrogen	ND	0.5	0.32	mg/L	1	U	351.2	207666	07/02/18 07:36	EPA351.2	209509-FI206	07/03/18-09:25AMB
Phosphorus, Total	ND	0.1	0.020	mg/L	1	U	4500-P B	207830	07/05/18 11:30	4500PE	209601-UV205	07/09/18-12:30JMR
Total Dissolved Solids (TFR)	1570	20	5.8	mg/L	1		2540CE	207390	06/25/18 12:49	2540C	209088-WT219	06/26/18-06:33AMB

DQF Flags Definition:

h	The MS/MSD did not meet QC criteria.
U	Constituent results were non-detect.
J	Reported value is estimated; detected at a concentration below the PQL and above the laboratory MDL.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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July 9, 2018

Lab ID : SP 1808251-006
Customer ID : 2-25173

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Sampled On : June 21, 2018-08:05
Sampled By : Peter Doran / Ryan
Received On : June 21, 2018-15:10
Matrix : Monitoring Well

Description : MCWP-07D
Project : Malibu WWTP-GW-SNMP/MOU

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	2.00	0.1	0.032	mg/L	1		4500NO3F	207317	06/22/18 13:00	4500NO3F	208970-FI207	06/22/18-13:49JDD
Nitrite Nitrogen	0.0140	0.1	0.011	mg/L	1	J	4500NO2F	207318	06/22/18 13:00	4500NO3F	208969-FI207	06/22/18-13:46JDD
Nitrogen, Organic	0.450	0.5	0.072	mg/L	1	UhJ	4500NH3G	207271	06/22/18 05:00	4500NH3G	208906-FI207	06/22/18-07:19AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	Uh	4500NH3G	207271	06/22/18 05:00	4500NH3G	208906-FI207	06/22/18-07:19AMB
Kjeldahl Nitrogen	0.450	0.5	0.32	mg/L	1	J	351.2	207666	07/02/18 07:36	EPA351.2	209509-FI206	07/03/18-09:27AMB
Phosphorus, Total	0.0778	0.1	0.020	mg/L	1	J	4500-P B	207830	07/05/18 11:30	4500PE	209601-UV205	07/09/18-12:30JMR
Total Dissolved Solids (TFR)	477	20	5.8	mg/L	1		2540CE	207390	06/25/18 12:49	2540C	209088-WT219	06/26/18-06:39AMB

DQF Flags Definition:

h	The MS/MSD did not meet QC criteria.
U	Constituent results were non-detect.
J	Reported value is estimated; detected at a concentration below the PQL and above the laboratory MDL.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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July 9, 2018

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Description : MCWP-MW05
Project : Malibu WWTP-GW-SNMP/MOU

Lab ID : SP 1808251-015
Customer ID : 2-25173

Sampled On : June 21, 2018-11:00
Sampled By : Peter Doran / Ryan
Received On : June 21, 2018-15:10
Matrix : Monitoring Well

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	2.10	0.1	0.032	mg/L	1		4500NO3F	207317	06/22/18 13:00	4500NO3F	208970-FI207	06/22/18-13:51JDD
Total Dissolved Solids (TFR)	1400	20	5.8	mg/L	1		2540CE	207390	06/25/18 12:49	2540C	209088-WT219	06/26/18-06:34AMB

ND=Non-Detected. PQL=Practical Quantitation Limit.

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July 9, 2018 Lab ID : SP 1808251
Rincon Consultants, Inc. Customer : 2-25173

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem								
Total Dissolved Solids (TFR)	2540CE	06/25/18:207390CTL	Blank	mg/L		ND	<20	
			LCS	mg/L	992.5	98.5 %	90-110	
		(CC 1881979-001)	Dup	mg/L		0.3%	5	
		(VI 1843068-001)	Dup	mg/L		2.5%	5	
Nitrogen, Total Kjeldahl	351.2	07/02/18:207666jmg	Blank	mg/L		ND	<0.5	
			LCS	mg/L	12.00	85.8 %	73-124	
			MS	mg/L	12.00	89.0 %	54-136	
		(CH 1874675-001)	MSD	mg/L	12.00	90.7 %	54-136	
			MSRPD	mg/L	12.00	1.8%	≤27	
Ammonia Nitrogen	4500NH3G		MS	mg/L	2.000	135 %	70-130	435
		(SP 1808251-006)	MSD	mg/L	2.000	130 %	70-130	
			MSRPD	mg/L	2.000	3.4%	≤20	
	4500NH3G	06/22/18:208906AMB	ICB	mg/L		-0.051	0.1	
			ICV	mg/L	2.000	107 %	90-110	
			CCB	mg/L		-0.039	0.1	
			CCV	mg/L	2.000	107 %	90-110	
			CCB	mg/L		-0.048	0.1	
			CCV	mg/L	2.000	106 %	90-110	
Nitrite as Nitrogen	4500NO2F		MS	mg/L	1.218	102 %	50-150	
		(CH 1874543-001)	MSD	mg/L	1.218	102 %	50-150	
			MSRPD	mg/L	1.218	0.5%	≤30	
	4500NO2F		MS	mg/L	1.218	103 %	50-150	
		(SP 1808251-006)	MSD	mg/L	1.218	104 %	50-150	
			MSRPD	mg/L	1.218	1.1%	≤30	
Nitrate + Nitrite as N	4500NO3F		MS	mg/L	28.17	36.0 %	5-285	
		(CH 1874543-001)	MSD	mg/L	28.17	36.5 %	5-285	
			MSRPD	mg/L	28.17	1.2%	≤30.4	
	4500NO3F	06/21/18:208898JDD	CCB	mg/L		0.128	0.2	
			CCV	mg/L	11.27	94.4 %	90-110	
			CCB	mg/L		0.144	0.2	
			CCV	mg/L	11.27	95.0 %	90-110	
	4500NO3F		MS	mg/L	28.17	37.5 %	5-285	
		(SP 1808251-006)	MSD	mg/L	28.17	38.3 %	5-285	
			MSRPD	mg/L	28.17	1.8%	≤30.4	
	4500NO3F	06/22/18:208970JDD	ICB	mg/L		0.173	0.2	
			ICV	mg/L	11.27	94.7 %	90-110	
			CCB	mg/L		0.215	0.2	
			CCV	mg/L	11.27	95.2 %	90-110	
Nitrite as Nitrogen	4500NO3F	06/21/18:208897JDD	CCB	mg/L		0.01100	0.012	
			CCV	mg/L	1.218	105 %	90-110	
			CCB	mg/L		0.01200	0.012	
			CCV	mg/L	1.218	105 %	90-110	
	4500NO3F	06/22/18:208969JDD	ICB	mg/L		0.00800	0.012	
			ICV	mg/L	1.218	103 %	90-110	
			CCB	mg/L		0.00900	0.012	
			CCV	mg/L	1.218	103 %	90-110	
Phosphorus	4500-P B	07/05/18:207830JMR	Blank	mg/L		ND	<0.1	
			LCS	mg/L	0.5000	101 %	90-116	
			MS	mg/L	0.5000	66.1 %	25-292	
		(SP 1808251-005)	MSD	mg/L	0.5000	63.1 %	25-292	
			MSRPD	mg/L	0.5000	0.015	≤0.1	
Total Phosphorus	4500PE	07/09/18:209601JMR	CCB	mg/L		-0.071	0.1	
			CCV	mg/L	0.5000	93.3 %	90-110	
			CCB	mg/L		-0.077	0.1	
			CCV	mg/L	0.5000	95.7 %	90-110	

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July 9, 2018 Lab ID : SP 1808251

Rincon Consultants, Inc. Customer : 2-25173

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem								
Nitrogen, Total Kjeldahl	EPA351.2	07/03/18:209509AMB	CCB	mg/L		0.190	0.5	
			CCV	mg/L	5.000	98.4 %	90-110	
			CCB	mg/L		0.224	0.5	
			CCV	mg/L	5.000	97.6 %	90-110	

Definition

ICV	: Initial Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
ICB	: Initial Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
CCV	: Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
CCB	: Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
Blank	: Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
LCS	: Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.
MS	: Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
MSD	: Matrix Spike Duplicate of MS/MSD pair - A random sample duplicate is spiked with a known amount of analyted. The recoveries are an indication of how that sample matrix affects analyte recovery.
Dup	: Duplicate Sample - A random sample with each batch is prepared and analyzed in duplicate. The relative percent difference is an indication of precision for the preparation and analysis.
MSRPD	: MS/MSD Relative Percent Difference (RPD) - The MS relative percent difference is an indication of precision for the preparation and analysis.
ND	: Non-detect - Result was below the DQO listed for the analyte.
DQO	: Data Quality Objective - This is the criteria against which the quality control data is compared.

Explanation

435	: Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.

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Laboratory Copy (1 of 3)

4259:06/04/2018

Client: **Rincon Consultants, Inc.**

Address: Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Phone: (760)918-9444ext209 Fax:

Contact Person: Torin Snyder

Project Name: **Malibu WWTP-GW-SNMP/MOU**

Purchase Order Number:

Quote Number: **SP 20150526-01**

Sampler(s) PETER DORAN
RYAN

Sampling Fee: _____ Pickup Fee: _____

Compositor Setup Date: ___/___/___ Time: ___:___

Lab Number: **SP** 1806075 (10th) 25173

TEST DESCRIPTION - See Reverse side for Container, Preservative and Sampling information

Samp Num	Location Description	Date Sampled	Time Sampled	Method of Sampling: Composite(C) Grab(G)	Type of Sample **SEE REVERSE SIDE**	Potable(P) Non-Potable(NP) Ag Water(AgW)	Bacti Type: Other(O) System(SYS) Source(SR) Waste(W)	Bacti Reason: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O) Special(SPL)	Coliform-LTB-Series 15 Tube ***8 Hour Hold Time*** 120ml(PBa)-Na2S2O3	Wet Chemistry-NO3-N,NO2-N,N-Organic,Total P,NH3-N,TDS ***NO2-N, NO3-N-48 Hour Hold Time*** 16oz(P), 16oz(P)-H2SO4	Wet Chemistry-NO3-N,TDS ***NO3-N-48 Hour Hold Time*** 16oz(P)						
~~1~~	~~SMBRP-9~~			G	MW				1	1,1		PD					
2	MCWP-MW04S			G	MW				1	1,1		PD					
3	MCWP-MW07S			G	MW				1	1,1		PD					
4	SMBRP-12			G	MW				1	1,1		PD					
5	MCWP-04D	6/21	1350	G	MW				1	1,1							
6	MCWP-07D	6/21/18	0805	G	MW				1	1,1							
7	MCWP-MW09			G	MW				1	1,1		PD					
8	TV-MW-1			G	MW				1	1,1		PD					
9	LAMW-5S			G	MW				1	1,1		PD					
10	SMBRP-13			G	MW				1	1,1		PD					

Remarks: **Multiple Chains**

2

Relinquished	Date:	Time:	Relinquished	Date:	Time:	Relinquished	Date:	Time:
	6.21.18			6/21/18	1510			
Received By:	**Date:**	**Time:**	**Received By:**	**Date:**	**Time:**	**Received By:**	**Date:**	**Time:**
	6/21/18	1405		6/21/18	1570			

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4259:06/04/2018

TEST DESCRIPTION - See Reverse side for Container, Preservative and Sampling information

Client: **Rincon Consultants, Inc.**

Address: Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Phone: (760)918-9444ext209 Fax:

Contact Person: Torin Snyder

Project Name: **Malibu WWTP-GW-SNMP/MOU**

Purchase Order Number:

Quote Number: **SP 20150526-01**

Sampler(s) PETER DORAN
RYAN.

Sampling Fee: _____ Pickup Fee: _____

Compositor Setup Date: ___/___/___ Time: ___/___

Lab Number: **SP** 1806251 (2018) 2-25173

Method of Sampling: Composite(C) Grab(G)
Type of Sample **SEE REVERSE SIDE**
Potable(P) Non-Potable(NP) Ag Water(AgW)
Bacti Type: Other(O) System(SYS) Source(SR) Waste(W)
Bacti Reason: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O) Special(SPL)

Samp Num	Location Description	Date Sampled	Time Sampled	Coliform-LTB-Series 15 Tube ***8 Hour Hold Time*** 120ml(PBa)-Na2S2O3	Wet Chemistry-NO3-N,NO2-N,N-Organic,Total P,NH3-N,TDS ***NO2-N, NO3-N-48 Hour Hold Time*** 16oz(P), 16oz(P)-H2SO4	Wet Chemistry-NO3-N,TDS ***NO3-N-48 Hour Hold Time*** 16oz(P)							
11	~~MCWP-MW10~~			1	1,1			PD					
12	CCPE			1	1,1			ID					
13	~~MBCMW-9~~			1	1,1			PD					
14	~~SMBRP-7B~~			1	1,1			PD					
15	MCWP-MW05	6/21/18	1100			1							
16	~~MCWP-MW06~~					1		PD					

Remarks: **Multiple Chains**

Relinquished	Date:	Time:	Relinquished	Date:	Time:	Relinquished	Date:	Time:
	6.21.18			6/21/18	1510			
Received By:	**Date:**	**Time:**	**Received By:**	**Date:**	**Time:**	**Received By:**	**Date:**	**Time:**
	6/21/18	1405		6/21/18	1570			

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Phone: (559) 734-9473
Fax: (559) 734-8435

Condition Upon Receipt (Attach to COC)

Sample Receipt at SP:

1. Number of ice chests/packages received: **1**
2. Shipper tracking numbers _____
3. Were samples received in a chilled condition?
   Temps: **ROI** / **2** / _____ / _____ / _____ / _____ / _____
4. Surface water (SWTR) bact samples: A sample that has a temperature upon receipt of >10C, whether iced or not, should be flagged unless the time since sample collection has been less than two hours.
5. Do the number of bottles received agree with the COC? **Yes** / **No** / **N/A**
6. Verify sample date, time, sampler **Yes** / **No** / **N/A**
7. Were the samples received intact? (i.e. no broken bottles, leaks, etc.) **Yes** / **No**
8. Were sample custody seals intact? **Yes** / **No** / **N/A**

Sample Verification, Labeling and Distribution:

1. Were all requested analyses understood and acceptable? **Yes** / **No**
2. Did bottle labels correspond with the client's ID's? **Yes** / **No**
3. Were all bottles requiring sample preservation properly preserved? **Yes** / **No** / **N/A** **FGL**
   [Exception: Oil & Grease, VOA and CrVI verified in lab]
4. VOAs checked for Headspace? **Yes** / **No** / **N/A**
5. Were all analyses within holding times at time of receipt? **Yes** / **No**
6. Have rush or project due dates been checked and accepted? **Yes** / **No** / **N/A**

Include a copy of the COC for lab delivery. (Bacti. Inorganics and Radio)

Sample Receipt, Login and Verification completed by: Reviewed and Approved By **Inez Covarrubias** Digitally signed by Inez Covarrubias Title: Sample Receiving Date: 06/21/2018-15:28:32

Discrepency Documentation:

Any items above which are "No" or do not meet specifications (i.e. temps) must be resolved.

1. Person Contacted: _____ Phone Number: _____
   Initiated By: _____ Date: _____
   Problem:

   Resolution:

2. Person Contacted: _____ Phone Number: _____
   Initiated By: _____ Date: _____
   Problem:

   Resolution:

(2025173)
Rincon Consultants, Inc.
SP 1808251
IV-06/21/2018-15:28:32

June 26, 2018

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

SP 1808277:8, 10-12 **COLIFORM BACTERIA ANALYSIS**
Customer ID : 2-25173

System Number :
Project Name : Malibu WWTP-GW-SNMP/MOU

Sample Handling Information

ID	Sample Number	Sample Description	Sample Type/Reason	Sampled By	Employed By	Sampled	Started	Finished
1	SP 1808277-008	SMBRP-11	Source-Other	Peter Doran	Not Available	06/22/2018 08:50	06/22/2018 11:48 lm	06/25/2018 lm
2	SP 1808277-010	SMBRP-13	Source-Other	Peter Doran	Not Available	06/22/2018 08:07	06/22/2018 11:50 lm	06/26/2018 lm
3	SP 1808277-011	MCWP-MW10	Source-Other	Peter Doran	Not Available	06/22/2018 08:35	06/22/2018 11:52 lm	06/26/2018 lm
4	SP 1808277-012	CCPE	Source-Other	Peter Doran	Not Available	06/22/2018 07:35	06/22/2018 11:54 lm	06/26/2018 lm

Analytical Results

ID	Sample Description	Chlorine Total/Free	Temp °C	Method	Units	Total	Fecal	E. Coli	Person Notified ‡	Date ‡ Notified	Time ‡ Notified	Foot Note
1	SMBRP-11	---	---	SM 9221B	MPN/100ml	<1.8 ABSENT	<1.8 ABSENT	---	N/R			
2	SMBRP-13	---	---	SM 9221B	MPN/100ml	<1.8 ABSENT	<1.8 ABSENT	---	N/R			
3	MCWP-MW10	---	---	SM 9221B	MPN/100ml	<1.8 ABSENT	<1.8 ABSENT	---	N/R			
4	CCPE	---	---	SM 9221B	MPN/100ml	4.5 PRESENT	<1.8 ABSENT	---	N/R			

N/R Not Required. MPN Most Probable Number A/P Absence/Presence ‡ Client Notification details.

Analyses were performed using Standard Methods 21st edition. If you have any questions regarding your results, please call.

RRH:SLK

Reviewed and Approved By **Raquel R. Harvey**
Digitally signed by Raquel R. Harvey
Title: Tech Director Microbiology
Date: 2018-06-27

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July 9, 2018

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Lab ID : SP 1808277
Customer : 2-25173

Laboratory Report

Introduction: This report package contains total of 8 pages divided into 3 sections:

Case Narrative	(2 pages)	: An overview of the work performed at FGL.
Sample Results	(4 pages)	: Results for each sample submitted.
Quality Control	(2 pages)	: Supporting Quality Control (QC) results.

Case Narrative

This Case Narrative pertains to the following samples:

Sample Description	Date Sampled	Date Received	FGL Lab ID #	Matrix
SMBRP-11	06/22/2018	06/22/2018	SP 1808277-008	MW
SMBRP-13	06/22/2018	06/22/2018	SP 1808277-010	MW
MCWP-MW10	06/22/2018	06/22/2018	SP 1808277-011	MW
CCPE	06/22/2018	06/22/2018	SP 1808277-012	MW

Sampling and Receipt Information: All samples were received in acceptable condition and within temperature requirements, unless noted on the Condition Upon Receipt (CUR) form. All samples arrived on ice. All samples were prepared and analyzed within the method specified hold time. All samples were checked for pH if acid or base preservation is required (except for VOAs). For details of sample receipt information, please see the attached Chain of Custody and Condition Upon Receipt Form.

Quality Control: All samples were prepared and analyzed according to the following tables:

Inorganic - Wet Chemistry QC

2540CE	06/26/2018:207451 All preparation quality controls are within established criteria
351.2	07/03/2018:207732 All preparation quality controls are within established criteria
4500NH3G	06/25/2018:208991 All analysis quality controls are within established criteria
	06/25/2018:207330 All preparation quality controls are within established criteria
4500NO2F	06/22/2018:207318 All preparation quality controls are within established criteria
4500NO3F	06/22/2018:208969 All analysis quality controls are within established criteria
	06/22/2018:208970 All analysis quality controls are within established criteria

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July 9, 2018 Lab ID : SP 1808277
Rincon Consultants, Inc. Customer : 2-25173

Inorganic - Wet Chemistry QC

4500NO3F	06/22/2018:207317 All preparation quality controls are within established criteria
4500-P B	06/27/2018:207516 All preparation quality controls are within established criteria
4500PE	06/28/2018:209216 All analysis quality controls are within established criteria
EPA351.2	07/05/2018:209595 All analysis quality controls are within established criteria

Certification:: I certify that this data package is in compliance with ELAP standards, both technically and for completeness, except for any conditions listed above. Release of the data contained in this data package is authorized by the Laboratory Director or his designee, as verified by the following electronic signature.

KD:DMB

Approved By **Kelly A. Dunnahoo, B.S.** Digitally signed by Kelly A. Dunnahoo, B.S.
Title: Laboratory Director
Date: 2018-07-09

July 9, 2018

Lab ID : SP 1808277-008
Customer ID : 2-25173

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Sampled On : June 22, 2018-08:50
Sampled By : Peter Doran
Received On : June 22, 2018-11:10
Matrix : Monitoring Well

Description : SMBRP-11
Project : Malibu WWTP-GW-SNMP/MOU

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	14.9	0.1	0.032	mg/L	1		4500NO3F	207317	06/22/18 13:00	4500NO3F	208970-FI207	06/22/18-13:54JDD
Nitrite Nitrogen	0.0200	0.1	0.011	mg/L	1	J	4500NO2F	207318	06/22/18 13:00	4500NO3F	208969-FI207	06/22/18-13:51JDD
Nitrogen, Organic	ND	0.5	0.072	mg/L	1	U	4500NH3G	207330	06/25/18 05:00	4500NH3G	208991-FI207	06/25/18-07:13AMB
Ammonia Nitrogen	1.75	0.2	0.072	mg/L	1		4500NH3G	207330	06/25/18 05:00	4500NH3G	208991-FI207	06/25/18-07:13AMB
Kjeldahl Nitrogen	ND	0.5	0.32	mg/L	1	U	351.2	207732	07/03/18 07:23	EPA351.2	209595-FI206	07/05/18-09:23AMB
Phosphorus, Total	0.104	0.1	0.020	mg/L	1	b	4500-P B	207516	06/27/18 12:30	4500PE	209216-UV205	06/28/18-11:30JMR
Total Dissolved Solids (TFR)	1700	20	5.8	mg/L	1		2540CE	207451	06/26/18 11:57	2540C	209185-WT219	06/27/18-06:37AMB

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
U	Constituent results were non-detect.
J	Reported value is estimated; detected at a concentration below the PQL and above the laboratory MDL.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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July 9, 2018

Lab ID : SP 1808277-010
Customer ID : 2-25173

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Sampled On : June 22, 2018-08:07
Sampled By : Peter Doran
Received On : June 22, 2018-11:10
Matrix : Monitoring Well

Description : SMBRP-13
Project : Malibu WWTP-GW-SNMP/MOU

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	0.200	0.1	0.032	mg/L	1		4500NO3F	207317	06/22/18 13:00	4500NO3F	208970-FI207	06/22/18-13:56JDD
Nitrite Nitrogen	ND	0.1	0.011	mg/L	1	U	4500NO2F	207318	06/22/18 13:00	4500NO3F	208969-FI207	06/22/18-13:54JDD
Nitrogen, Organic	0.101	0.5	0.072	mg/L	1	J	4500NH3G	207330	06/25/18 05:00	4500NH3G	208991-FI207	06/25/18-07:15AMB
Ammonia Nitrogen	0.316	0.2	0.072	mg/L	1		4500NH3G	207330	06/25/18 05:00	4500NH3G	208991-FI207	06/25/18-07:15AMB
Kjeldahl Nitrogen	0.417	0.5	0.32	mg/L	1	J	351.2	207732	07/03/18 07:23	EPA351.2	209595-FI206	07/05/18-09:24AMB
Phosphorus, Total	0.382	0.1	0.020	mg/L	1	b	4500-P B	207516	06/27/18 12:30	4500PE	209216-UV205	06/28/18-11:30JMR
Total Dissolved Solids (TFR)	2660	34	5.8	mg/L	1.7		2540CE	207451	06/26/18 11:57	2540C	209185-WT219	06/27/18-06:59AMB

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
U	Constituent results were non-detect.
J	Reported value is estimated; detected at a concentration below the PQL and above the laboratory MDL.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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July 9, 2018

Lab ID : SP 1808277-011
Customer ID : 2-25173

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Sampled On : June 22, 2018-08:35
Sampled By : Peter Doran
Received On : June 22, 2018-11:10
Matrix : Monitoring Well

Description : MCWP-MW10
Project : Malibu WWTP-GW-SNMP/MOU

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	0.400	0.1	0.032	mg/L	1		4500NO3F	207317	06/22/18 13:00	4500NO3F	208970-FI207	06/22/18-13:59JDD
Nitrite Nitrogen	0.0310	0.1	0.011	mg/L	1	J	4500NO2F	207318	06/22/18 13:00	4500NO3F	208969-FI207	06/22/18-13:56JDD
Nitrogen, Organic	0.395	0.5	0.072	mg/L	1	UJ	4500NH3G	207330	06/25/18 05:00	4500NH3G	208991-FI207	06/25/18-07:17AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	U	4500NH3G	207330	06/25/18 05:00	4500NH3G	208991-FI207	06/25/18-07:17AMB
Kjeldahl Nitrogen	0.395	0.5	0.32	mg/L	1	J	351.2	207732	07/03/18 07:23	EPA351.2	209595-FI206	07/05/18-09:25AMB
Phosphorus, Total	1.56	0.1	0.020	mg/L	1	b	4500-P B	207516	06/27/18 12:30	4500PE	209216-UV205	06/28/18-11:30JMR
Total Dissolved Solids (TFR)	1990	20	5.8	mg/L	1		2540CE	207451	06/26/18 11:57	2540C	209185-WT219	06/27/18-06:53AMB

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
U	Constituent results were non-detect.
J	Reported value is estimated; detected at a concentration below the PQL and above the laboratory MDL.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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July 9, 2018

Lab ID : SP 1808277-012
Customer ID : 2-25173

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Sampled On : June 22, 2018-07:35
Sampled By : Peter Doran
Received On : June 22, 2018-11:10
Matrix : Monitoring Well

Description : CCPE
Project : Malibu WWTP-GW-SNMP/MOU

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	1.60	0.1	0.032	mg/L	1		4500NO3F	207317	06/22/18 13:00	4500NO3F	208970-FI207	06/22/18-14:01JDD
Nitrite Nitrogen	0.0180	0.1	0.011	mg/L	1	J	4500NO2F	207318	06/22/18 13:00	4500NO3F	208969-FI207	06/22/18-13:59JDD
Nitrogen, Organic	1.01	0.5	0.072	mg/L	1		4500NH3G	207330	06/25/18 05:00	4500NH3G	208991-FI207	06/25/18-07:19AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	U	4500NH3G	207330	06/25/18 05:00	4500NH3G	208991-FI207	06/25/18-07:19AMB
Kjeldahl Nitrogen	1.01	0.5	0.32	mg/L	1		351.2	207732	07/03/18 07:23	EPA351.2	209595-FI206	07/05/18-09:26AMB
Phosphorus, Total	0.683	0.1	0.020	mg/L	1	b	4500-P B	207516	06/27/18 12:30	4500PE	209216-UV205	06/28/18-11:30JMR
Total Dissolved Solids (TFR)	690	20	5.8	mg/L	1		2540CE	207451	06/26/18 11:57	2540C	209185-WT219	06/27/18-06:47AMB

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
U	Constituent results were non-detect.
J	Reported value is estimated; detected at a concentration below the PQL and above the laboratory MDL.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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CA ELAP Certification No. 2810

July 9, 2018 Lab ID : SP 1808277
Rincon Consultants, Inc. Customer : 2-25173

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem								
Total Dissolved Solids (TFR)	2540CE	06/26/18:207451CTL	Blank	mg/L		ND	<20	
			LCS	mg/L	992.5	96.1 %	90-110	
		(SP 1808350-001)	Dup	mg/L		3.3%	5	
		(SP 1808350-002)	Dup	mg/L		4.9%	5	
Nitrogen, Total Kjeldahl	351.2	07/03/18:207732jmg	Blank	mg/L		ND	<0.5	
			LCS	mg/L	12.00	85.8 %	73-124	
			MS	mg/L	12.00	88.3 %	54-136	
		(VI 1843072-001)	MSD	mg/L	12.00	88.3 %	54-136	
			MSRPD	mg/L	12.00	0.0%	≤27	
Ammonia Nitrogen	4500NH3G		MS	mg/L	2.000	112 %	70-130	
		(STK1838628-002)	MSD	mg/L	2.000	104 %	70-130	
			MSRPD	mg/L	2.000	7.6%	≤20	
	4500NH3G	06/25/18:208991AMB	CCB	mg/L		0.000	0.1	
			CCV	mg/L	2.000	109 %	90-110	
			CCB	mg/L		-0.083	0.1	
			CCV	mg/L	2.000	108 %	90-110	
Nitrite as Nitrogen	4500NO2F		MS	mg/L	1.218	103 %	50-150	
		(SP 1808251-006)	MSD	mg/L	1.218	104 %	50-150	
			MSRPD	mg/L	1.218	1.1%	≤30	
Nitrate + Nitrite as N	4500NO3F		MS	mg/L	28.17	37.5 %	5-285	
		(SP 1808251-006)	MSD	mg/L	28.17	38.3 %	5-285	
			MSRPD	mg/L	28.17	1.8%	≤30.4	
	4500NO3F	06/22/18:208970JDD	ICB	mg/L		0.173	0.2	
			ICV	mg/L	11.27	94.7 %	90-110	
			CCB	mg/L		0.215	0.2	
			CCV	mg/L	11.27	95.2 %	90-110	
Nitrite as Nitrogen	4500NO3F	06/22/18:208969JDD	ICB	mg/L		0.00800	0.012	
			ICV	mg/L	1.218	103 %	90-110	
			CCB	mg/L		0.00900	0.012	
			CCV	mg/L	1.218	103 %	90-110	
Phosphorus	4500-P B	06/27/18:207516JMR	Blank	mg/L		ND	<0.1	
			LCS	mg/L	0.5000	102 %	90-116	
			MS	mg/L	0.5000	73.1 %	25-292	
		(SP 1808096-001)	MSD	mg/L	0.5000	62.0 %	25-292	
			MSRPD	mg/L	0.5000	7.8%	≤13.2	
Total Phosphorus	4500PE	06/28/18:209216JMR	CCB	mg/L		-0.068	0.1	
			CCV	mg/L	0.5000	94.5 %	90-110	
			CCB	mg/L		-0.089	0.1	
			CCV	mg/L	0.5000	98.0 %	90-110	
Nitrogen, Total Kjeldahl	EPA351.2	07/05/18:209595AMB	CCB	mg/L		0.111	0.5	
			CCV	mg/L	5.000	96.8 %	90-110	
			CCB	mg/L		0.188	0.5	
			CCV	mg/L	5.000	95.8 %	90-110	

Definition

ICV	: Initial Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
ICB	: Initial Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
CCV	: Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
CCB	: Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
Blank	: Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
LCS	: Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.
MS	: Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
MSD	: Matrix Spike Duplicate of MS/MSD pair - A random sample duplicate is spiked with a known amount of analyted. The recoveries are an indication of how that sample matrix affects analyte recovery.
Dup	: Duplicate Sample - A random sample with each batch is prepared and analyzed in duplicate. The relative percent difference is an indication of precision for the preparation and analysis.

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July 9, 2018 Lab ID : SP 1808277
Rincon Consultants, Inc. Customer : 2-25173

Quality Control - Inorganic

Definition	
MSRPD	: MS/MSD Relative Percent Difference (RPD) - The MS relative percent difference is an indication of precision for the preparation and analysis.
ND	: Non-detect - Result was below the DQO listed for the analyte.
DQO	: Data Quality Objective - This is the criteria against which the quality control data is compared.

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Laboratory Copy (1 of 3)

4259:06/04/2018

Client: **Rincon Consultants, Inc.**
Address: Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Phone: (760)918-9444ext209 Fax:
Contact Person: Torin Snyder
Project Name: **Malibu WWTP-GW-SNMP/MOU**
Purchase Order Number:
Quote Number: **SP 20150526-01**

Sampler(s) PETER DORA

Sampling Fee: _____ Pickup Fee: _____
Compositor Setup Date: ___/___/___ Time: ___/___

Lab Number: **SP** 1808277 2-25173

TEST DESCRIPTION - See Reverse side for Container, Preservative and Sampling information

Samp Num	Location Description	Date Sampled	Time Sampled	Method of Sampling: Composite(C) Grab(G)	Type of Sample **SEE REVERSE SIDE**	Potable(P) Non-Potable(NP) Ag Water(AgW)	Bacti Type: Other(O) System(SYS) Source(SR) Waste(W)	Bacti Reason: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O) Special(SPL)	Coliform-LTB-Series 15 Tube ***8 Hour Hold Time*** 120ml(PBa)-Na2S2O3	Wet Chemistry-NO3-N,NO2-N,N-Organic,Total P,NH3-N,TDS ***NO2-N, NO3-N-48 Hour Hold Time*** 16oz(P), 16oz(P)-H2SO4	Wet Chemistry-NO3-N,TDS ***NO3-N-48 Hour Hold Time*** 16oz(P)						
1	~~SMBRP-9~~			G	MW				1	1,1			PO				
2	~~MCWP-MW04S~~			G	MW				1	1,1			PO				
3	~~MCWP-MW07S~~			G	MW				1	1,1			PO				
4	~~SMBRP-12~~			G	MW				1	1,1			PO				
5	~~MCWP-04D~~			G	MW				1	1,1			PO				
6	~~MCWP-07D~~			G	MW				1	1,1			PO				
7	~~MCWP-MW09~~			G	MW				1	1,1			PO				
8	~~TT-MW-1PO~~ SMBRP-11	6-22-16	0850	G	MW				1	1,1							
9	~~LAMW-3S~~			G	MW				1	1,1			PO				
10	SMBRP-13	6-22-16	0807	G	MW				1	1,1							

Remarks: **Multiple Chains**

4

Relinquished	Date:	Time:	Relinquished	Date:	Time:	Relinquished	Date:	Time:
	6-22-16							
Received By:	**Date:**	**Time:**	**Received By:**	**Date:**	**Time:**	**Received By:**	**Date:**	**Time:**
	↓	1110						

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Laboratory Copy (1 of 3)

4259:06/04/2018

Client: **Rincon Consultants, Inc.**
Address: Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Phone: (760)918-9444ext209 Fax:
Contact Person: Torin Snyder
Project Name: **Malibu WWTP-GW-SNMP/MOU**
Purchase Order Number:
Quote Number: **SP 20150526-01**

Sampler(s) PETER DORAN

Sampling Fee: _____ Pickup Fee: _____
Compositor Setup Date: ___/___/___ Time: ___/___

Lab Number: **SP** 1808277 **2-25173**

TEST DESCRIPTION - See Reverse side for Container, Preservative and Sampling information

Samp Num	Location Description	Date Sampled	Time Sampled	Method of Sampling: Composite(C) Grab(G)	Type of Sample **SEE REVERSE SIDE**	Potable(P) Non-Potable(NP) Ag Water(AgW)	Bacti Type: Other(O) System(SYS) Source(SR) Waste(W)	Bacti Reason: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O) Special(SPL)	Coliform-LTB-Series 15 Tube ***8 Hour Hold Time*** 120ml(PBa)-Na2S2O3	Wet Chemistry-NO3-N,NO2-N,N-Organic,Total P,NH3-N,TDS ***NO2-N, NO3-N-48 Hour Hold Time*** 16oz(P), 16oz(P)-H2SO4	Wet Chemistry-NO3-N,TDS ***NO3-N-48 Hour Hold Time*** 16oz(P)						
11	MCWP-MW10	6.22.18	0835	G	MW				1	1,1							
12	CCPE	6.22.18	0735	G	MW				1	1,1							
~~13~~	~~MBCMW-9~~			G	MW				1	1,1			PD				
~~14~~	~~SMBRP-7B~~			G	MW				1	1,1			PD				
~~15~~	~~MCWP-MW05~~			G	MW						1		PD				
~~16~~	~~MCWP-MW06~~			G	MW						1		PD				

Remarks: **Multiple Chains**

Relinquished	Date:	Time:	Relinquished	Date:	Time:	Relinquished	Date:	Time:
	62218							
Received By:	**Date:**	**Time:**	**Received By:**	**Date:**	**Time:**	**Received By:**	**Date:**	**Time:**
	↓	1110						

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June 1, 2018

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

SP 1806968:1-10 **COLIFORM BACTERIA ANALYSIS**
Customer ID : 2-25173

System Number :
Project Name : Malibu WWTP - Surface Water Monitoring

Sample Handling Information

ID	Sample Number	Sample Description	Sample Type/Reason	Sampled By	Employed By	Sampled	Started	Finished
1	SP 1806968-001	N-001	Source-Other	J. McClain/J. Pratt	Rincon Consultants	05/25/2018 12:30	05/25/2018 16:03 ajs	05/29/2018 ajs
2	SP 1806968-002	N-002	Source-Other	J. McClain/J. Pratt	Rincon Consultants	05/25/2018 12:15	05/25/2018 16:06 ajs	05/29/2018 ajs
3	SP 1806968-003	N-003	Source-Other	J. McClain/J. Pratt	Rincon Consultants	05/25/2018 11:55	05/25/2018 16:08 ajs	05/27/2018 ajs
4	SP 1806968-004	N-004	Source-Other	J. McClain/J. Pratt	Rincon Consultants	05/25/2018 13:30	05/25/2018 16:11 ajs	05/28/2018 ajs
5	SP 1806968-005	L-001	Source-Other	J. McClain/J. Pratt	Rincon Consultants	05/25/2018 10:45	05/25/2018 16:15 ajs	05/28/2018 ajs
6	SP 1806968-006	L-002	Source-Other	J. McClain/J. Pratt	Rincon Consultants	05/25/2018 10:20	05/25/2018 16:19 ajs	05/28/2018 ajs
7	SP 1806968-007	L-003	Source-Other	J. McClain/J. Pratt	Rincon Consultants	05/25/2018 11:05	05/25/2018 16:22 ajs	05/29/2018 ajs
8	SP 1806968-008	L-004	Source-Other	J. McClain/J. Pratt	Rincon Consultants	05/25/2018 11:20	05/25/2018 16:25 ajs	05/29/2018 ajs
9	SP 1806968-009	L-005	Source-Other	J. McClain/J. Pratt	Rincon Consultants	05/25/2018 13:00	05/25/2018 16:28 ajs	05/27/2018 ajs
10	SP 1806968-010	L-006	Source-Other	J. McClain/J. Pratt	Rincon Consultants	05/25/2018 11:45	05/25/2018 16:30 ajs	05/28/2018 ajs

Analytical Results

ID	Sample Description	Chlorine Total/Free	Temp °C	Method	Units	Total	Fecal	E. Coli	Person Notified ‡	Date ‡ Notified	Time ‡ Notified	Foot Note
1	N-001	---	---	SM 9221B	MPN/100ml	4	<1.8	---	N/R			
2	N-002	---	---	SM 9221B	MPN/100ml	<1.8	<1.8	---	N/R			
3	N-003	---	---	SM 9221B	MPN/100ml	<1.8	<1.8	---	N/R			
4	N-004	---	---	SM 9221B	MPN/100ml	4	<1.8	---	N/R			
5	L-001	---	---	SM 9221B	MPN/100ml	920	49	---	N/R			
6	L-002	---	---	SM 9221B	MPN/100ml	220	4.5	---	N/R			
7	L-003	---	---	SM 9221B	MPN/100ml	110	79	---	N/R			
8	L-004	---	---	SM 9221B	MPN/100ml	94	33	---	N/R			
9	L-005	---	---	SM 9221B	MPN/100ml	>1600	>1600	---	N/R			
10	L-006	---	---	SM 9221B	MPN/100ml	49	7.8	---	N/R			

N/R Not Required. MPN Most Probable Number A/P Absence/Presence ‡ Client Notification details.

Analyses were performed using Standard Methods 22nd edition. If you have any questions regarding your results, please call.

Reviewed and Approved By **Raquel R. Harvey**
Digitally signed by Raquel R. Harvey
Title: Tech Director Microbiology
Date: 2018-06-01

RRH:SLK

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June 12, 2018

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Lab ID : SP 1806968
Customer : 2-25173

Laboratory Report

Introduction: This report package contains total of 14 pages divided into 3 sections:

Case Narrative	(2 pages)	: An overview of the work performed at FGL.
Sample Results	(10 pages)	: Results for each sample submitted.
Quality Control	(2 pages)	: Supporting Quality Control (QC) results.

Case Narrative

This Case Narrative pertains to the following samples:

Sample Description	Date Sampled	Date Received	FGL Lab ID #	Matrix
N-001	05/25/2018	05/25/2018	SP 1806968-001	SW
N-002	05/25/2018	05/25/2018	SP 1806968-002	SW
N-003	05/25/2018	05/25/2018	SP 1806968-003	SW
N-004	05/25/2018	05/25/2018	SP 1806968-004	SW
L-001	05/25/2018	05/25/2018	SP 1806968-005	SW
L-002	05/25/2018	05/25/2018	SP 1806968-006	SW
L-003	05/25/2018	05/25/2018	SP 1806968-007	SW
L-004	05/25/2018	05/25/2018	SP 1806968-008	SW
L-005	05/25/2018	05/25/2018	SP 1806968-009	SW
L-006	05/25/2018	05/25/2018	SP 1806968-010	SW

Sampling and Receipt Information: All samples were received in acceptable condition and within temperature requirements, unless noted on the Condition Upon Receipt (CUR) form. All samples arrived on ice. All samples were prepared and analyzed within the method specified hold time. All samples were checked for pH if acid or base preservation is required (except for VOAs). For details of sample receipt information, please see the attached Chain of Custody and Condition Upon Receipt Form.

Quality Control: All samples were prepared and analyzed according to the following tables:

Inorganic - Wet Chemistry QC

351.2	06/06/2018:206542 All preparation quality controls are within established criteria
4500NH3G	05/30/2018:207636 All analysis quality controls are within established criteria
	05/30/2018:207646 All analysis quality controls are within established criteria
	05/30/2018:206250 All preparation quality controls are within established criteria

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June 12, 2018 Lab ID : SP 1806968
Rincon Consultants, Inc. Customer : 2-25173

Inorganic - Wet Chemistry QC

4500NO2F	05/25/2018:206156 All preparation quality controls are within established criteria
4500NO3F	05/25/2018:207521 All analysis quality controls are within established criteria
	05/25/2018:207523 All analysis quality controls are within established criteria
	05/25/2018:206155 All preparation quality controls are within established criteria
4500-P B	05/29/2018:206218 All preparation quality controls are within established criteria
4500PE	05/30/2018:207584 All analysis quality controls are within established criteria
EPA351.2	06/06/2018:208138 All analysis quality controls are within established criteria

Certification:: I certify that this data package is in compliance with ELAP standards, both technically and for completeness, except for any conditions listed above. Release of the data contained in this data package is authorized by the Laboratory Director or his designee, as verified by the following electronic signature.

KD:DMB

Approved By **Kelly A. Dunnahoo, B.S.** Digitally signed by Kelly A. Dunnahoo, B.S.
Title: Laboratory Director
Date: 2018-06-12

June 12, 2018

Lab ID : SP 1806968-001
Customer ID : 2-25173

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Sampled On : May 25, 2018-12:30
Sampled By : J. McClain/J. Pratt
Received On : May 25, 2018-15:05
Matrix : Surface Water

Description : N-001
Project : Malibu WWTP - Surface Water Monitoring

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	0.0800	0.1	0.032	mg/L	1	J	4500NO3F	206155	05/25/18 12:15	4500NO3F	207523-FI207	05/25/18-16:12JDD
Nitrite Nitrogen	0.0110	0.1	0.011	mg/L	1	J	4500NO2F	206156	05/25/18 16:00	4500NO3F	207521-FI207	05/25/18-16:10JDD
Nitrogen, Organic	ND	0.5	0.072	mg/L	1	U	4500NH3G	206250	05/30/18 05:00	4500NH3G	207636-FI207	05/30/18-07:10AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	U	4500NH3G	206250	05/30/18 05:00	4500NH3G	207636-FI207	05/30/18-07:10AMB
Kjeldahl Nitrogen	ND	0.5	0.32	mg/L	1	U	351.2	206542	06/06/18 07:20	EPA351.2	208138-FI206	06/06/18-14:41JDD
Phosphorus, Total	ND	0.1	0.020	mg/L	1	<b	4500-P B	206218	05/29/18 12:30	4500PE	207584-UV205	05/30/18-11:20JMR

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
U	Constituent results were non-detect.
J	Reported value is estimated; detected at a concentration below the PQL and above the laboratory MDL.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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June 12, 2018

Lab ID : SP 1806968-002
Customer ID : 2-25173

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Sampled On : May 25, 2018-12:15
Sampled By : J. McClain/J. Pratt
Received On : May 25, 2018-15:05
Matrix : Surface Water

Description : N-002
Project : Malibu WWTP - Surface Water Monitoring

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	0.0700	0.1	0.032	mg/L	1	J	4500NO3F	206155	05/25/18 12:15	4500NO3F	207523-FI207	05/25/18-16:14JDD
Nitrite Nitrogen	0.0110	0.1	0.011	mg/L	1	J	4500NO2F	206156	05/25/18 16:00	4500NO3F	207521-FI207	05/25/18-16:11JDD
Nitrogen, Organic	ND	0.5	0.072	mg/L	1	U	4500NH3G	206250	05/30/18 05:00	4500NH3G	207636-FI207	05/30/18-07:19AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	U	4500NH3G	206250	05/30/18 05:00	4500NH3G	207636-FI207	05/30/18-07:19AMB
Kjeldahl Nitrogen	ND	0.5	0.32	mg/L	1	U	351.2	206542	06/06/18 07:20	EPA351.2	208138-FI206	06/06/18-14:42JDD
Phosphorus, Total	ND	0.1	0.020	mg/L	1	Ub	4500-P B	206218	05/29/18 12:30	4500PE	207584-UV205	05/30/18-11:20JMR

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
U	Constituent results were non-detect.
J	Reported value is estimated; detected at a concentration below the PQL and above the laboratory MDL.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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CA ELAP Certification No. 2810

June 12, 2018

Lab ID : SP 1806968-003
Customer ID : 2-25173

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Sampled On : May 25, 2018-11:55
Sampled By : J. McClain/J. Pratt
Received On : May 25, 2018-15:05
Matrix : Surface Water

Description : N-003
Project : Malibu WWTP - Surface Water Monitoring

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	0.0700	0.1	0.032	mg/L	1	J	4500NO3F	206155	05/25/18 12:15	4500NO3F	207523-FI207	05/25/18-16:16JDD
Nitrite Nitrogen	0.0110	0.1	0.011	mg/L	1	J	4500NO2F	206156	05/25/18 16:00	4500NO3F	207521-FI207	05/25/18-16:14JDD
Nitrogen, Organic	ND	0.5	0.072	mg/L	1	U	4500NH3G	206250	05/30/18 05:00	4500NH3G	207636-FI207	05/30/18-07:22AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	U	4500NH3G	206250	05/30/18 05:00	4500NH3G	207636-FI207	05/30/18-07:22AMB
Kjeldahl Nitrogen	ND	0.5	0.32	mg/L	1	U	351.2	206542	06/06/18 07:20	EPA351.2	208138-FI206	06/06/18-14:43JDD
Phosphorus, Total	ND	0.1	0.020	mg/L	1	Ub	4500-P B	206218	05/29/18 12:30	4500PE	207584-UV205	05/30/18-11:20JMR

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
U	Constituent results were non-detect.
J	Reported value is estimated; detected at a concentration below the PQL and above the laboratory MDL.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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June 12, 2018

Lab ID : SP 1806968-004
Customer ID : 2-25173

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Sampled On : May 25, 2018-13:30
Sampled By : J. McClain/J. Pratt
Received On : May 25, 2018-15:05
Matrix : Surface Water

Description : N-004
Project : Malibu WWTP - Surface Water Monitoring

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	0.0800	0.1	0.032	mg/L	1	J	4500NO3F	206155	05/25/18 12:15	4500NO3F	207523-FI207	05/25/18-16:19JDD
Nitrite Nitrogen	0.0130	0.1	0.011	mg/L	1	J	4500NO2F	206156	05/25/18 16:00	4500NO3F	207521-FI207	05/25/18-16:16JDD
Nitrogen, Organic	ND	0.5	0.072	mg/L	1	U	4500NH3G	206250	05/30/18 05:00	4500NH3G	207636-FI207	05/30/18-07:08AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	U	4500NH3G	206250	05/30/18 05:00	4500NH3G	207636-FI207	05/30/18-07:08AMB
Kjeldahl Nitrogen	ND	0.5	0.32	mg/L	1	U	351.2	206542	06/06/18 07:20	EPA351.2	208138-FI206	06/06/18-14:44JDD
Phosphorus, Total	ND	0.1	0.020	mg/L	1	Ub	4500-P B	206218	05/29/18 12:30	4500PE	207584-UV205	05/30/18-11:20JMR

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
U	Constituent results were non-detect.
J	Reported value is estimated; detected at a concentration below the PQL and above the laboratory MDL.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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June 12, 2018

Lab ID : SP 1806968-005
Customer ID : 2-25173

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Sampled On : May 25, 2018-10:45
Sampled By : J. McClain/J. Pratt
Received On : May 25, 2018-15:05
Matrix : Surface Water

Description : L-001
Project : Malibu WWTP - Surface Water Monitoring

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	0.0700	0.1	0.032	mg/L	1	J	4500NO3F	206155	05/25/18 12:15	4500NO3F	207523-FI207	05/25/18-16:21JDD
Nitrite Nitrogen	0.0110	0.1	0.011	mg/L	1	J	4500NO2F	206156	05/25/18 16:00	4500NO3F	207521-FI207	05/25/18-16:19JDD
Nitrogen, Organic	0.400	0.5	0.072	mg/L	1	UJ	4500NH3G	206250	05/30/18 05:00	4500NH3G	207636-FI207	05/30/18-07:12AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	U	4500NH3G	206250	05/30/18 05:00	4500NH3G	207636-FI207	05/30/18-07:12AMB
Kjeldahl Nitrogen	0.400	0.5	0.32	mg/L	1	J	351.2	206542	06/06/18 07:20	EPA351.2	208138-FI206	06/06/18-14:45JDD
Phosphorus, Total	0.285	0.1	0.020	mg/L	1	b	4500-P B	206218	05/29/18 12:30	4500PE	207584-UV205	05/30/18-11:20JMR

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
U	Constituent results were non-detect.
J	Reported value is estimated; detected at a concentration below the PQL and above the laboratory MDL.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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June 12, 2018

Lab ID : SP 1806968-006
Customer ID : 2-25173

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Sampled On : May 25, 2018-10:20
Sampled By : J. McClain/J. Pratt
Received On : May 25, 2018-15:05
Matrix : Surface Water

Description : L-002
Project : Malibu WWTP - Surface Water Monitoring

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	0.0600	0.1	0.032	mg/L	1	J	4500NO3F	206155	05/25/18 12:15	4500NO3F	207523-FI207	05/25/18-16:24JDD
Nitrite Nitrogen	0.0120	0.1	0.011	mg/L	1	J	4500NO2F	206156	05/25/18 16:00	4500NO3F	207521-FI207	05/25/18-16:21JDD
Nitrogen, Organic	ND	0.5	0.072	mg/L	1	U	4500NH3G	206250	05/30/18 05:00	4500NH3G	207646-FI207	05/30/18-08:53AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	U	4500NH3G	206250	05/30/18 05:00	4500NH3G	207646-FI207	05/30/18-08:53AMB
Kjeldahl Nitrogen	ND	0.5	0.32	mg/L	1	U	351.2	206542	06/06/18 07:20	EPA351.2	208138-FI206	06/06/18-14:46JDD
Phosphorus, Total	0.145	0.1	0.020	mg/L	1	b	4500-P B	206218	05/29/18 12:30	4500PE	207584-UV205	05/30/18-11:20JMR

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
U	Constituent results were non-detect.
J	Reported value is estimated; detected at a concentration below the PQL and above the laboratory MDL.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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June 12, 2018

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Description : L-003
Project : Malibu WWTP - Surface Water Monitoring

Lab ID : SP 1806968-007
Customer ID : 2-25173

Sampled On : May 25, 2018-11:05
Sampled By : J. McClain/J. Pratt
Received On : May 25, 2018-15:05
Matrix : Surface Water

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	0.0600	0.1	0.032	mg/L	1	J	4500NO3F	206155	05/25/18 12:15	4500NO3F	207523-FI207	05/25/18-16:26JDD
Nitrite Nitrogen	0.0120	0.1	0.011	mg/L	1	J	4500NO2F	206156	05/25/18 16:00	4500NO3F	207521-FI207	05/25/18-16:24JDD
Nitrogen, Organic	0.906	0.5	0.072	mg/L	1		4500NH3G	206250	05/30/18 05:00	4500NH3G	207646-FI207	05/30/18-08:51AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	U	4500NH3G	206250	05/30/18 05:00	4500NH3G	207646-FI207	05/30/18-08:51AMB
Kjeldahl Nitrogen	0.906	0.5	0.32	mg/L	1		351.2	206542	06/06/18 07:20	EPA351.2	208138-FI206	06/06/18-14:50JDD
Phosphorus, Total	0.224	0.1	0.020	mg/L	1	b	4500-P B	206218	05/29/18 12:30	4500PE	207584-UV205	05/30/18-11:20JMR

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
U	Constituent results were non-detect.
J	Reported value is estimated; detected at a concentration below the PQL and above the laboratory MDL.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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June 12, 2018

Lab ID : SP 1806968-008
Customer ID : 2-25173

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Sampled On : May 25, 2018-11:20
Sampled By : J. McClain/J. Pratt
Received On : May 25, 2018-15:05
Matrix : Surface Water

Description : L-004
Project : Malibu WWTP - Surface Water Monitoring

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	0.0600	0.1	0.032	mg/L	1	J	4500NO3F	206155	05/25/18 12:15	4500NO3F	207523-FI207	05/25/18-16:29JDD
Nitrite Nitrogen	0.0120	0.1	0.011	mg/L	1	J	4500NO2F	206156	05/25/18 16:00	4500NO3F	207521-FI207	05/25/18-16:26JDD
Nitrogen, Organic	0.729	0.5	0.072	mg/L	1		4500NH3G	206250	05/30/18 05:00	4500NH3G	207636-FI207	05/30/18-07:17AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	U	4500NH3G	206250	05/30/18 05:00	4500NH3G	207636-FI207	05/30/18-07:17AMB
Kjeldahl Nitrogen	0.729	0.5	0.32	mg/L	1		351.2	206542	06/06/18 07:20	EPA351.2	208138-FI206	06/06/18-14:51JDD
Phosphorus, Total	0.180	0.1	0.020	mg/L	1	b	4500-P B	206218	05/29/18 12:30	4500PE	207584-UV205	05/30/18-11:20JMR

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
U	Constituent results were non-detect.
J	Reported value is estimated; detected at a concentration below the PQL and above the laboratory MDL.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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June 12, 2018

Lab ID : SP 1806968-009
Customer ID : 2-25173

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Sampled On : May 25, 2018-13:00
Sampled By : J. McClain/J. Pratt
Received On : May 25, 2018-15:05
Matrix : Surface Water

Description : L-005
Project : Malibu WWTP - Surface Water Monitoring

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	0.0700	0.1	0.032	mg/L	1	J	4500NO3F	206155	05/25/18 12:15	4500NO3F	207523-FI207	05/25/18-16:31JDD
Nitrite Nitrogen	0.0120	0.1	0.011	mg/L	1	J	4500NO2F	206156	05/25/18 16:00	4500NO3F	207521-FI207	05/25/18-16:29JDD
Nitrogen, Organic	0.940	0.5	0.072	mg/L	1		4500NH3G	206250	05/30/18 05:00	4500NH3G	207636-FI207	05/30/18-07:14AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	U	4500NH3G	206250	05/30/18 05:00	4500NH3G	207636-FI207	05/30/18-07:14AMB
Kjeldahl Nitrogen	0.940	0.5	0.32	mg/L	1		351.2	206542	06/06/18 07:20	EPA351.2	208138-FI206	06/06/18-14:52JDD
Phosphorus, Total	0.411	0.1	0.020	mg/L	1	b	4500-P B	206218	05/29/18 12:30	4500PE	207584-UV205	05/30/18-11:20JMR

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
U	Constituent results were non-detect.
J	Reported value is estimated; detected at a concentration below the PQL and above the laboratory MDL.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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June 12, 2018

Lab ID : SP 1806968-010
Customer ID : 2-25173

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Sampled On : May 25, 2018-11:45
Sampled By : J. McClain/J. Pratt
Received On : May 25, 2018-15:05
Matrix : Surface Water

Description : L-006
Project : Malibu WWTP - Surface Water Monitoring

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	0.0600	0.1	0.032	mg/L	1	J	4500NO3F	206155	05/25/18 12:15	4500NO3F	207523-FI207	05/25/18-16:34JDD
Nitrite Nitrogen	0.0130	0.1	0.011	mg/L	1	J	4500NO2F	206156	05/25/18 16:00	4500NO3F	207521-FI207	05/25/18-16:31JDD
Nitrogen, Organic	0.456	0.5	0.072	mg/L	1	UJ	4500NH3G	206250	05/30/18 05:00	4500NH3G	207636-FI207	05/30/18-07:24AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	U	4500NH3G	206250	05/30/18 05:00	4500NH3G	207636-FI207	05/30/18-07:24AMB
Kjeldahl Nitrogen	0.456	0.5	0.32	mg/L	1	J	351.2	206542	06/06/18 07:20	EPA351.2	208138-FI206	06/06/18-14:53JDD
Phosphorus, Total	0.177	0.1	0.020	mg/L	1	b	4500-P B	206218	05/29/18 12:30	4500PE	207584-UV205	05/30/18-11:20JMR

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
U	Constituent results were non-detect.
J	Reported value is estimated; detected at a concentration below the PQL and above the laboratory MDL.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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CA ELAP Certification No. 2810

June 12, 2018 Lab ID : SP 1806968
Rincon Consultants, Inc. Customer : 2-25173

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem								
Nitrogen, Total Kjeldahl	351.2	06/06/18:206542jmg	Blank	mg/L		ND	<0.5	
			LCS	mg/L	12.00	88.3 %	73-124	
			MS	mg/L	12.00	88.3 %	54-136	
		(VI 1842372-007)	MSD	mg/L	12.00	86.6 %	54-136	
			MSRPD	mg/L	12.00	1.9%	≤27	
Ammonia Nitrogen	4500NH3G		MS	mg/L	2.000	102 %	70-130	
		(CH 1873799-001)	MSD	mg/L	2.000	104 %	70-130	
			MSRPD	mg/L	2.000	1.7%	≤20	
	4500NH3G	05/30/18:207636AMB	CCB	mg/L		0.004	0.1	
			CCV	mg/L	2.000	109 %	90-110	
			CCB	mg/L		0.000	0.1	
			CCV	mg/L	2.000	109 %	90-110	
	4500NH3G	05/30/18:207646AMB	ICB	mg/L		0.000	0.1	
			ICV	mg/L	2.000	107 %	90-110	
			CCB	mg/L		0.000	0.1	
			CCV	mg/L	2.000	106 %	90-110	
Nitrite as Nitrogen	4500NO2F		MS	mg/L	1.218	102 %	50-150	
		(CH 1873801-001)	MSD	mg/L	1.218	108 %	50-150	
			MSRPD	mg/L	1.218	5.3%	≤30	
Nitrate + Nitrite as N	4500NO3F		MS	mg/L	28.17	39.2 %	5-285	
		(CH 1873801-001)	MSD	mg/L	28.17	38.9 %	5-285	
			MSRPD	mg/L	28.17	0.3%	≤30.4	
	4500NO3F	05/25/18:207523JDD	CCB	mg/L		0.052	0.2	
			CCV	mg/L	11.27	97.2 %	90-110	
			CCB	mg/L		0.059	0.2	
			CCV	mg/L	11.27	97.2 %	90-110	
Nitrite as Nitrogen	4500NO3F	05/25/18:207521JDD	CCB	mg/L		0.00700	0.012	
			CCV	mg/L	1.218	107 %	90-110	
			CCB	mg/L		0.0100	0.012	
			CCV	mg/L	1.218	106 %	90-110	
Phosphorus	4500-P B	05/29/18:206218JMR	Blank	mg/L		ND	<0.1	
			LCS	mg/L	0.5000	100 %	90-116	
			MS	mg/L	0.5000	78.3 %	25-292	
		(SP 1806968-001)	MSD	mg/L	0.5000	69.0 %	25-292	
			MSRPD	mg/L	0.5000	0.047	≤0.1	
Total Phosphorus	4500PE	05/30/18:207584JMR	CCB	mg/L		-0.074	0.1	
			CCV	mg/L	0.5000	104 %	90-110	
			CCB	mg/L		0.011	0.1	
			CCV	mg/L	0.5000	96.2 %	90-110	
			CCB	mg/L		-0.060	0.1	
			CCV	mg/L	0.5000	99.8 %	90-110	
Nitrogen, Total Kjeldahl	EPA351.2	06/06/18:208138JDD	ICB	mg/L		-0.171	0.5	
			ICV	mg/L	5.000	93.8 %	90-110	
			CCB	mg/L		-0.248	0.5	
			CCV	mg/L	5.000	93.8 %	90-110	
			CCB	mg/L		-0.215	0.5	
			CCV	mg/L	5.000	94.8 %	90-110	

Definition

ICV	: Initial Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
ICB	: Initial Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
CCV	: Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
CCB	: Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
Blank	: Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
LCS	: Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.
MS	: Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.

Corporate Offices & Laboratory
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June 12, 2018 Lab ID : SP 1806968

Rincon Consultants, Inc. Customer : 2-25173

Quality Control - Inorganic

Definition	
MSD	: Matrix Spike Duplicate of MS/MSD pair - A random sample duplicate is spiked with a known amount of analyted. The recoveries are an indication of how that sample matrix affects analyte recovery.
MSRPD	: MS/MSD Relative Percent Difference (RPD) - The MS relative percent difference is an indication of precision for the preparation and analysis.
ND	: Non-detect - Result was below the DQO listed for the analyte.
DQO	: Data Quality Objective - This is the criteria against which the quality control data is compared.

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Laboratory Copy (1 of 3)

4053:06/04/2018

TEST DESCRIPTION - See Reverse side for Container, Preservative and Sampling information

Client: **Rincon Consultants, Inc.**

Address: Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Phone: (760)918-9444ext209 Fax:

Contact Person: Torin Snyder

Project Name: **Malibu WWTP - SW Monitoring**

Purchase Order Number:

Quote Number: **SP 20150526-01**

Sampler(s) Rincon Consultants
Jaime McClain / Jamie Pratt

Sampling Fee: _____ Pickup Fee: _____

Compositor Setup Date: ___/___/___ Time: ___/___

Lab Number: **SP** 1806968 2-25173

Samp Num	Location Description	Date Sampled	Time Sampled	Method of Sampling: Composite(C) Grab(G)	Type of Sample **SEE REVERSE SIDE**	Potable(P) Non-Potable(NP) Ag Water(AgW)	Bacti Type: Other(O) System(SYS) Source(SR) Waste(W)	Bacti Reason: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O) Special(SPL)	Coliform-LTB-Series 15 Tube ***8 Hour Hold Time*** 120ml(PBa)-Na2S2O3	Wet Chemistry-NO3-N,NO2-N,N-Organic,Total P,NH3-N ***NO2-N, NO3-N-48 Hour Hold Time*** 16oz(P), 16oz(P)-H2SO4							
1	N-001	5/25/18	1230	G	SW				1	1,1							
2	N-002	5/25/18	1215	G	SW				1	1,1							
3	N-003	5/25/18	1155	G	SW				1	1,1							
4	N-004	5/25/18	1330	G	SW				1	1,1							
5	L-001	5/25/18	1045	G	SW				1	1,1							
6	L-002	5/25/18	1020	G	SW				1	1,1							
7	L-003	5/25/18	1105	G	SW				1	1,1							
8	L-004	5/25/18	1120	G	SW				1	1,1							
9	L-005	5/25/18	1300	G	SW				1	1,1							
10	L-006	5/25/18	1145	G	SW				1	1,1							

Remarks:

16°

Relinquished	Date:	Time:	Relinquished	Date:	Time:	Relinquished	Date:	Time:
Jaime McClain	5/25/18	1505						
Received By:	**Date:**	**Time:**	**Received By:**	**Date:**	**Time:**	**Received By:**	**Date:**	**Time:**

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Fax: (559) 734-8435

Condition Upon Receipt (Attach to COC)

Sample Receipt at SP:

1. Number of ice chests/packages received: **OTC**
2. Shipper tracking numbers _____
3. Were samples received in a chilled condition?
   Temps: **ROI** / **16** / _____ / _____ / _____ / _____ / _____
4. Surface water (SWTR) bact samples: A sample that has a temperature upon receipt of >10C, whether iced or not, should be flagged unless the time since sample collection has been less than two hours.
5. Do the number of bottles received agree with the COC? **Yes** / **No** / **N/A**
6. Verify sample date, time, sampler **Yes** / **No** / **N/A**
7. Were the samples received intact? (i.e. no broken bottles, leaks, etc.) **Yes** / **No**
8. Were sample custody seals intact? **Yes** / **No** / **N/A**

Sample Verification, Labeling and Distribution:

1. Were all requested analyses understood and acceptable? **Yes** / **No**
2. Did bottle labels correspond with the client's ID's? **Yes** / **No**
3. Were all bottles requiring sample preservation properly preserved? **Yes** / **No** / **N/A** **FGL**
   [Exception: Oil & Grease, VOA and CrVI verified in lab]
4. VOAs checked for Headspace? **Yes** / **No** / **N/A**
5. Were all analyses within holding times at time of receipt? **Yes** / **No**
6. Have rush or project due dates been checked and accepted? **Yes** / **No** / **N/A**

Include a copy of the COC for lab delivery. (Bacti. Inorganics and Radio)

Sample Receipt, Login and Verification completed by: Reviewed and Approved By **Cynthia T Casarez** Digitally signed by Cynthia T Casarez Title: Sample Receiving Date: 05/29/2018-17:12:43

Discrepency Documentation:

Any items above which are "No" or do not meet specifications (i.e. temps) must be resolved.

1. Person Contacted: _____ Phone Number: _____
   Initiated By: _____ Date: _____
   Problem:

   Resolution:

2. Person Contacted: _____ Phone Number: _____
   Initiated By: _____ Date: _____
   Problem:

   Resolution:

(2025173)
Rincon Consultants, Inc.
SP 1806968
CTC-05/29/2018-17:12:43

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info-sc@enthalpy.com

MONTROSE ENVIRONMENTAL

Client: Rincon Consultants - Ventura
Address: 180 North Ashwood Ave.
Ventura, CA 93003

Attn: Kiernan Brtalik

Lab Request: 405734
Report Date: 09/21/2018
Date Received: 08/21/2018
Client ID: 15888

Comments: Malibu - Annual

This report contains all work performed directly by Enthalpy analytical plus all subcontract analyses except for EPA 1694M.

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods. Methods accredited by NELAC are indicated on the report. This cover letter is an integral part of the final report.

Sample #	Client Sample ID
405734-001	SMBRP-11
405734-002	MCWP-MW04S
405734-003	MCWP-MW07S
405734-004	MCWP-MW07D

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

Ranjit K. K. Clarke

Report Review performed by: Ranjit Clarke, Project Manager

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 60 days from date received.

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Matrix: Water **Client:** Rincon Consultants - Ventura **Collector:** Client
Sampled: 08/21/2018 11:30 **Site:**
Sample #: 405734-001 **Client Sample #:** SMBRP-11 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024 Prep Method: None							QCBatchID:		
Total Organic Nitrogen	**0.7**	1	0.04	0.5	mg/L		08/31/18	SLL	
Method: ALCH 4025 Prep Method: None							QCBatchID:		
Total Nitrogen	**16.1**	1	0.1	0.5	mg/L		08/31/18	SLL	
Method: EPA 100.1 Prep Method: Method							QCBatchID:		
See Attached		1							
Method: EPA 1613B Prep Method: See Attached							QCBatchID:		
See Attached		1							
Method: EPA 1625C Prep Method: Method							QCBatchID:		
See Attached		1							
Method: EPA 1664A Prep Method: Method							QCBatchID:		
See Attached		1							
Method: EPA 200.7 Prep Method: EPA 200.7							QCBatchID:		QC1194656
Boron	**0.586**	1	0.009	0.05	mg/L	08/22/18	08/22/18	KLN	
Calcium	**176**	1	0.038	0.1	mg/L	08/22/18	08/27/18	KLN	
Iron	**12.7**	1	0.012	0.02	mg/L	08/22/18	08/22/18	KLN	
Magnesium	**73.8**	1	0.016	0.1	mg/L	08/22/18	08/22/18	KLN	
Manganese	**1.16**	1	0.001	0.01	mg/L	08/22/18	08/22/18	KLN	
Potassium	**6.67**	1	0.24	0.5	mg/L	08/22/18	08/27/18	KLN	
Sodium	**221**	1	0.15	0.5	mg/L	08/22/18	08/27/18	KLN	
Method: EPA 200.8 Prep Method: Method							QCBatchID:		QC1194832
Arsenic	**3.42**	1	0.31	2	ug/L	08/27/18	08/27/18	CO	
See Attached		1							
Selenium	**1.74 J**	1	0.39	2	ug/L	08/27/18	08/30/18	CO	J
Zinc	**79.6**	1	2.7	10	ug/L	08/27/18	08/27/18	CO	
Method: EPA 218.6 Prep Method: Method							QCBatchID:		
See Attached		1							
Method: EPA 245.1 Prep Method: Method							QCBatchID:		
See Attached		1							
Method: EPA 300.0 Prep Method: Method							QCBatchID:		QC1194632
Chloride	**292**	10	0.9	10	mg/L	08/21/18	08/21/18 23:26	CO	
Nitrate + Nitrite, as Nitrogen	**14.5**	1	0.017	0.1	mg/L	08/21/18	08/21/18 20:15	CO	
Nitrate, as Nitrogen	**14.5**	1	0.017	0.1	mg/L	08/21/18	08/21/18 20:15	CO	
Nitrite, as Nitrogen	ND	1	0.013	0.1	mg/L	08/21/18	08/21/18 20:15	CO	
Sulfate	**320**	10	0.87	10	mg/L	08/21/18	08/21/18 23:26	CO	
Method: EPA 300.1 Prep Method: Method							QCBatchID:		
See Attached		1							
Method: EPA 314.0 Prep Method: Method							QCBatchID:		QC1194912
Perchlorate	ND	1	1.1	2	ug/L	08/28/18	08/28/18	CO	
Method: EPA 504.1 Prep Method: Method							QCBatchID:		
See Attached		1							
Method: EPA 508 Prep Method: Method							QCBatchID:		
See Attached		1							
Method: EPA 515.3 Prep Method: Method							QCBatchID:		
See Attached		1							
Method: EPA 524.2 Prep Method: 5030B							QCBatchID:		QC1194679
1,1,1-Trichloroethane	ND	1	0.119	0.5	ug/L		08/22/18	LZ	
1,1,2,2-Tetrachloroethane	ND	1	0.223	0.5	ug/L		08/22/18	LZ	
1,1,2-Trichloroethane	ND	1	0.136	0.5	ug/L		08/22/18	LZ	
1,1,2-Trichlorotrifluoroethane	ND	1	0.134	0.5	ug/L		08/22/18	LZ	
1,1-Dichloroethane	ND	1	0.109	0.5	ug/L		08/22/18	LZ	

Matrix:	Water	**Client:**	Rincon Consultants - Ventura	**Collector:**	Client
Sampled:	08/21/2018 11:30	**Site:**			
Sample #:	**405734-001**	**Client Sample #:**	SMBRP-11	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
1,1-Dichloroethene	ND	1	0.144	0.5	ug/L		08/22/18	LZ	
1,2,4-Trichlorobenzene	ND	1	0.162	0.5	ug/L		08/22/18	LZ	
1,2-Dichlorobenzene	ND	1	0.161	0.5	ug/L		08/22/18	LZ	
1,2-Dichloroethane	ND	1	0.113	0.5	ug/L		08/22/18	LZ	
1,2-Dichloropropane	ND	1	0.197	0.5	ug/L		08/22/18	LZ	
1,3-Dichlorobenzene	ND	1	0.176	0.5	ug/L		08/22/18	LZ	
1,4-Dichlorobenzene	ND	1	0.185	0.5	ug/L		08/22/18	LZ	
Benzene	ND	1	0.124	0.5	ug/L		08/22/18	LZ	
Bromodichloromethane	ND	1	0.161	0.5	ug/L		08/22/18	LZ	
Bromoform	ND	1	0.142	0.5	ug/L		08/22/18	LZ	
Bromomethane	ND	1	0.185	0.5	ug/L		08/22/18	LZ	
Carbon Tetrachloride	ND	1	0.115	0.5	ug/L		08/22/18	LZ	
Chlorobenzene	ND	1	0.131	0.5	ug/L		08/22/18	LZ	
Chlorodibromomethane	ND	1	0.13	0.5	ug/L		08/22/18	LZ	
Chloroethane	ND	1	0.4	0.5	ug/L		08/22/18	LZ	
Chloroform	**0.32 J**	1	0.103	0.5	ug/L		08/22/18	LZ	J
Chloromethane	ND	1	0.095	0.5	ug/L		08/22/18	LZ	
cis-1,2-Dichloroethene	ND	1	0.114	0.5	ug/L		08/22/18	LZ	
cis-1,3-dichloropropene	ND	1	0.107	0.5	ug/L		08/22/18	LZ	
Ethylbenzene	ND	1	0.149	0.5	ug/L		08/22/18	LZ	
m and p-Xylene	ND	1	0.278	0.5	ug/L		08/22/18	LZ	
Methylene chloride	ND	1	0.155	0.5	ug/L		08/22/18	LZ	
Methyl-t-butyl Ether (MTBE)	ND	1	0.15	0.5	ug/L		08/22/18	LZ	
Styrene	ND	1	0.108	0.5	ug/L		08/22/18	LZ	
Tetrachloroethene	ND	1	0.372	0.5	ug/L		08/22/18	LZ	
Toluene	ND	1	0.142	0.5	ug/L		08/22/18	LZ	
trans-1,2-dichloroethene	ND	1	0.112	0.5	ug/L		08/22/18	LZ	
trans-1,3-dichloropropene	ND	1	0.148	0.5	ug/L		08/22/18	LZ	
Trichloroethene	ND	1	0.239	0.5	ug/L		08/22/18	LZ	
Trichlorofluoromethane	ND	1	0.097	0.5	ug/L		08/22/18	LZ	
Vinyl Chloride	ND	1	0.06	0.5	ug/L		08/22/18	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*101*	*70-145*	
4-Bromofluorobenzene (SUR)	*102*	*70-145*	
Dibromofluoromethane (SUR)	*109*	*70-145*	
Toluene-d8 (SUR)	*95*	*70-145*	

Method:	Prep Method:		QCBatchID:
EPA 525.2	Method		
See Attached		1	
EPA 531.1	Method		
See Attached		1	
EPA 547	Method		
See Attached		1	
EPA 548.1	Method		
See Attached		1	
EPA 549.2	Method		
See Attached		1	
EPA 552.2	See Attached		
See Attached		1	

Method: EPA 624	Prep Method: 5030B						QCBatchID: QC1194680		
2-Chloroethyl Vinyl Ether	ND	1	0.23	5	ug/L		08/22/18	LZ	
Acrolein	ND	1	3.3	5	ug/L		08/22/18	LZ	
Acrylonitrile	ND	1	1.6	2	ug/L		08/22/18	LZ	

Matrix: Water **Client:** Rincon Consultants - Ventura **Collector:** Client
Sampled: 08/21/2018 11:30 **Site:**
Sample #: 405734-001 **Client Sample #:** SMBRP-11 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Surrogate	*% Recovery*			*Limits*	*Notes*				
1,2-Dichloroethane-d4 (SUR)	*101*			*70-135*					
4-Bromofluorobenzene (SUR)	*102*			*70-135*					
Dibromofluoromethane (SUR)	*109*			*70-135*					
Toluene-d8 (SUR)	*95*			*70-135*					
Method: EPA 625	Prep Method: See Attached						QCBatchID:		
See Attached		1							
Method: EPA 900.0	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 903.1	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 904.0	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 905.0	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 906.0	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 908.0	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: SM 2120-B	Prep Method: Method						QCBatchID:		QC1194657
Color	ND	1	5	5	Color Unit		08/22/18 10:00	WW	
Method: SM 2130-B	Prep Method: Method						QCBatchID:		QC1194659
Turbidity	**20**	1	0.1	0.1	NTU		08/22/18 10:00	WW	
Method: SM 2150-B	Prep Method: Method						QCBatchID:		QC1194658
Odor Threshold	ND	1	1	1	T.O.N		08/22/18 10:00	WW	
Method: SM 2320-B	Prep Method: Method						QCBatchID:		QC1194909
Total Alkalinity (as CaCO3)	**320**	2.5	12.5	12.5	mg/L		08/28/18	WW	
Method: SM 2330B	Prep Method: Method						QCBatchID:		QC1195039
CCPP	**0.22**	1					08/31/18	SLL	
Method: SM 2540-C	Prep Method: Method						QCBatchID:		QC1194824
Total Dissolved Solids	**1610**	2	20	20	mg/L	08/23/18	08/24/18	DXN	
Method: SM 2540-D	Prep Method: SM 2540-D						QCBatchID:		QC1194877
Total Suspended Solids	**125**	2	1	1	mg/L	08/27/18	08/27/18	TP	
Method: SM 4500-Cl	Prep Method: Method						QCBatchID:		QC1194654
Chlorine, Total Residual	ND	1	0.01	0.1	mg/L		08/22/18 10:15	WW	T2
Method: SM 4500-CN-E	Prep Method: Method						QCBatchID:		QC1194786
Cyanide	ND	1	0.002	0.01	mg/L	08/24/18	08/28/18	TP	
Method: SM 4500-F-C	Prep Method: Method						QCBatchID:		QC1194883
Fluoride	**0.426**	1	0.005	0.1	mg/L		08/27/18	WW	
Method: SM 4500-H+B	Prep Method: Method						QCBatchID:		QC1194687
pH	**7.07**	1			pH Units		08/22/18 13:00	WW	T2
Method: SM 4500-NH3-G	Prep Method: Method						QCBatchID:		QC1194958
Ammonia, as Nitrogen	**0.911**	1	0.01	0.1	mg/L	08/29/18	08/29/18	TP	
Method: SM 4500-NH3-G	Prep Method: SM4500-Norg/Auto						QCBatchID:		QC1194751
Total Kjeldahl Nitrogen	**1.6**	1	0.052	0.4	mg/L	08/23/18	08/24/18	TP	
Method: SM 4500-P-B-5-E	Prep Method: 4500-P-B-5						QCBatchID:		QC1195029
Total Phosphorous as P	**0.097**	1	0.01	0.02	mg/L	08/30/18	08/30/18	TP	
Total Phosphorous as PO4	**0.297**	1	0.03	0.06	mg/L	08/30/18	08/30/18	TP	
Method: SM 5210-B	Prep Method: Method						QCBatchID:		

Matrix:	Water	**Client:**	Rincon Consultants - Ventura	**Collector:**	Client
Sampled:	08/21/2018 11:30	**Site:**			
Sample #:	**405734-001**	**Client Sample #:**	SMBRP-11	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
See Attached		1							
Method: SM 5310B	Prep Method: Method						QCBatchID: QC1194795		
Total Organic Carbon (TOC)	**9.99**	1	0.203	1	mg/L	08/24/18	08/24/18	TP	
Method: SM 5540-C	Prep Method: Method						QCBatchID: QC1194642		
MBAS	**0.085 J**	2.5	0.045	0.1	mg/L	08/21/18 17:00	08/21/18 21:55	NP	J
Method: sm 9223-B-b	Prep Method: Method						QCBatchID: QC1194683		
Fecal Coliform	**<2**	2			MPN/100ml	08/21/18 18:03	08/22/18	LH	
Total Coliform	**<2**	2			MPN/100ml	08/21/18 18:03	08/22/18	LH	

Matrix:	Water	**Client:**	Rincon Consultants - Ventura	**Collector:**	Client
Sampled:	08/21/2018 12:00	**Site:**			
Sample #:	**405734-002**	**Client Sample #:**	MCWP-MW04S	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024	Prep Method: None						QCBatchID:		
Total Organic Nitrogen	**1.20**	1	0.04	0.5	mg/L		08/31/18	SLL	
Method: ALCH 4025	Prep Method: None						QCBatchID:		
Total Nitrogen	**1.28**	1	0.1	0.5	mg/L		08/31/18	SLL	
Method: EPA 100.1	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 1613B	Prep Method: See Attached						QCBatchID:		
See Attached		1							
Method: EPA 1625C	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 1664A	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 200.7	Prep Method: EPA 200.7						QCBatchID:		QC1194656
Boron	**1.92**	1	0.009	0.05	mg/L	08/22/18	08/22/18	KLN	
Calcium	**569**	1	0.038	0.1	mg/L	08/22/18	08/27/18	KLN	
Iron	**5.36**	1	0.012	0.02	mg/L	08/22/18	08/22/18	KLN	
Magnesium	**295**	1	0.016	0.1	mg/L	08/22/18	08/22/18	KLN	
Manganese	**0.238**	1	0.001	0.01	mg/L	08/22/18	08/22/18	KLN	
Potassium	**3.42**	1	0.24	0.5	mg/L	08/22/18	08/27/18	KLN	
Sodium	**972**	1	0.15	0.5	mg/L	08/22/18	08/27/18	KLN	
Method: EPA 200.8	Prep Method: Method						QCBatchID:		QC1194832
Arsenic	**25.2**	1	0.31	2	ug/L	08/27/18	08/27/18	CO	
See Attached		1							
Selenium	**134**	2	0.78	4	ug/L	08/27/18	08/30/18	CO	
Zinc	**41.2**	2	5.4	20	ug/L	08/27/18	08/27/18	CO	
Method: EPA 218.6	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 245.1	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 300.0	Prep Method: Method						QCBatchID:		QC1194632
Chloride	**723**	10	0.9	10	mg/L	08/21/18	08/21/18 23:44	CO	
Nitrate + Nitrite, as Nitrogen	**0.08 J**	1	0.017	0.1	mg/L	08/21/18	08/21/18 20:15	CO	J
Nitrate, as Nitrogen	**0.08 J**	1	0.017	0.1	mg/L	08/21/18	08/21/18 20:32	CO	J
Nitrite, as Nitrogen	ND	1	0.013	0.1	mg/L	08/21/18	08/21/18 20:32	CO	
Sulfate	**2760**	50	4.35	50	mg/L	08/21/18	08/24/18 20:48	CO	
Method: EPA 300.1	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 314.0	Prep Method: Method						QCBatchID:		QC1194912
Perchlorate	ND	10	11	20	ug/L	08/28/18	08/28/18	CO	D2
Method: EPA 504.1	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 508	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 515.3	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 524.2	Prep Method: 5030B						QCBatchID:		QC1194679
1,1,1-Trichloroethane	ND	1	0.119	0.5	ug/L		08/22/18	LZ	
1,1,2,2-Tetrachloroethane	ND	1	0.223	0.5	ug/L		08/22/18	LZ	
1,1,2-Trichloroethane	ND	1	0.136	0.5	ug/L		08/22/18	LZ	
1,1,2-Trichlorotrifluoroethane	ND	1	0.134	0.5	ug/L		08/22/18	LZ	
1,1-Dichloroethane	ND	1	0.109	0.5	ug/L		08/22/18	LZ	

Matrix:	Water	**Client:**	Rincon Consultants - Ventura	**Collector:**	Client
Sampled:	08/21/2018 12:00	**Site:**			
Sample #:	**405734-002**	**Client Sample #:**	MCWP-MW04S	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
1,1-Dichloroethene	ND	1	0.144	0.5	ug/L		08/22/18	LZ	
1,2,4-Trichlorobenzene	ND	1	0.162	0.5	ug/L		08/22/18	LZ	
1,2-Dichlorobenzene	ND	1	0.161	0.5	ug/L		08/22/18	LZ	
1,2-Dichloroethane	ND	1	0.113	0.5	ug/L		08/22/18	LZ	
1,2-Dichloropropane	ND	1	0.197	0.5	ug/L		08/22/18	LZ	
1,3-Dichlorobenzene	ND	1	0.176	0.5	ug/L		08/22/18	LZ	
1,4-Dichlorobenzene	ND	1	0.185	0.5	ug/L		08/22/18	LZ	
Benzene	**2.1**	1	0.124	0.5	ug/L		08/22/18	LZ	
Bromodichloromethane	ND	1	0.161	0.5	ug/L		08/22/18	LZ	
Bromoform	ND	1	0.142	0.5	ug/L		08/22/18	LZ	
Bromomethane	ND	1	0.185	0.5	ug/L		08/22/18	LZ	
Carbon Tetrachloride	ND	1	0.115	0.5	ug/L		08/22/18	LZ	
Chlorobenzene	ND	1	0.131	0.5	ug/L		08/22/18	LZ	
Chlorodibromomethane	ND	1	0.13	0.5	ug/L		08/22/18	LZ	
Chloroethane	ND	1	0.4	0.5	ug/L		08/22/18	LZ	
Chloroform	ND	1	0.103	0.5	ug/L		08/22/18	LZ	
Chloromethane	ND	1	0.095	0.5	ug/L		08/22/18	LZ	
cis-1,2-Dichloroethene	ND	1	0.114	0.5	ug/L		08/22/18	LZ	
cis-1,3-dichloropropene	ND	1	0.107	0.5	ug/L		08/22/18	LZ	
Ethylbenzene	ND	1	0.149	0.5	ug/L		08/22/18	LZ	
m and p-Xylene	**0.35 J**	1	0.278	0.5	ug/L		08/22/18	LZ	J
Methylene chloride	ND	1	0.155	0.5	ug/L		08/22/18	LZ	
Methyl-t-butyl Ether (MTBE)	ND	1	0.15	0.5	ug/L		08/22/18	LZ	
Styrene	ND	1	0.108	0.5	ug/L		08/22/18	LZ	
Tetrachloroethene	ND	1	0.372	0.5	ug/L		08/22/18	LZ	
Toluene	**1.1**	1	0.142	0.5	ug/L		08/22/18	LZ	
trans-1,2-dichloroethene	ND	1	0.112	0.5	ug/L		08/22/18	LZ	
trans-1,3-dichloropropene	ND	1	0.148	0.5	ug/L		08/22/18	LZ	
Trichloroethene	ND	1	0.239	0.5	ug/L		08/22/18	LZ	
Trichlorofluoromethane	ND	1	0.097	0.5	ug/L		08/22/18	LZ	
Vinyl Chloride	ND	1	0.06	0.5	ug/L		08/22/18	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*95*	*70-145*	
4-Bromofluorobenzene (SUR)	*102*	*70-145*	
Dibromofluoromethane (SUR)	*107*	*70-145*	
Toluene-d8 (SUR)	*98*	*70-145*	

Method:	Prep Method:		QCBatchID:
EPA 525.2	Method		
See Attached		1	
EPA 531.1	Method		
See Attached		1	
EPA 547	Method		
See Attached		1	
EPA 548.1	Method		
See Attached		1	
EPA 549.2	Method		
See Attached		1	
EPA 552.2	See Attached		
See Attached		1	

Method: EPA 624	Prep Method: 5030B						QCBatchID: QC1194680		
2-Chloroethyl Vinyl Ether	ND	1	0.23	5	ug/L		08/22/18	LZ	
Acrolein	ND	1	3.3	5	ug/L		08/22/18	LZ	
Acrylonitrile	ND	1	1.6	2	ug/L		08/22/18	LZ	

Matrix:	Water	**Client:**	Rincon Consultants - Ventura	**Collector:**	Client
Sampled:	08/21/2018 12:00	**Site:**			
Sample #:	**405734-002**	**Client Sample #:**	MCWP-MW04S	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Surrogate	*% Recovery*		*Limits*	*Notes*					
1,2-Dichloroethane-d4 (SUR)	*95*		*70-135*						
4-Bromofluorobenzene (SUR)	*102*		*70-135*						
Dibromofluoromethane (SUR)	*107*		*70-135*						
Toluene-d8 (SUR)	*98*		*70-135*						
Method: EPA 625	Prep Method: See Attached						QCBatchID:		
See Attached		1							
Method: EPA 900.0	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 903.1	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 904.0	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 905.0	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 906.0	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 908.0	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: SM 2120-B	Prep Method: Method						QCBatchID:		QC1194657
Color	ND	1	5	5	Color Unit		08/22/18 10:00	WW	
Method: SM 2130-B	Prep Method: Method						QCBatchID:		QC1194659
Turbidity	**38**	1	0.1	0.1	NTU		08/22/18 10:00	WW	
Method: SM 2150-B	Prep Method: Method						QCBatchID:		QC1194658
Odor Threshold	ND	1	1	1	T.O.N		08/22/18 10:00	WW	
Method: SM 2320-B	Prep Method: Method						QCBatchID:		QC1194909
Total Alkalinity (as CaCO3)	**600**	2.5	12.5	12.5	mg/L		08/28/18	WW	
Method: SM 2330B	Prep Method: Method						QCBatchID:		QC1195039
CCPP	**1.16**	1					08/31/18	SLL	
Method: SM 2540-C	Prep Method: Method						QCBatchID:		QC1194824
Total Dissolved Solids	**6350**	2	20	20	mg/L	08/23/18	08/24/18	DXN	
Method: SM 2540-D	Prep Method: SM 2540-D						QCBatchID:		QC1194877
Total Suspended Solids	**12.7**	1.05	0.525	0.525	mg/L	08/27/18	08/27/18	TP	
Method: SM 4500-Cl	Prep Method: Method						QCBatchID:		QC1194654
Chlorine, Total Residual	ND	1	0.01	0.1	mg/L		08/22/18 10:15	WW	T2
Method: SM 4500-CN-E	Prep Method: Method						QCBatchID:		QC1194786
Cyanide	ND	1	0.002	0.01	mg/L	08/24/18	08/28/18	TP	
Method: SM 4500-F-C	Prep Method: Method						QCBatchID:		QC1194883
Fluoride	**0.701**	1	0.005	0.1	mg/L		08/27/18	WW	
Method: SM 4500-H+B	Prep Method: Method						QCBatchID:		QC1194687
pH	**7.45**	1			pH Units		08/22/18 13:00	WW	T2
Method: SM 4500-NH3-G	Prep Method: Method						QCBatchID:		QC1194958
Ammonia, as Nitrogen	ND	1	0.01	0.1	mg/L	08/29/18	08/29/18	TP	
Method: SM 4500-NH3-G	Prep Method: SM4500-Norg/Auto						QCBatchID:		QC1194751
Total Kjeldahl Nitrogen	**1.2**	1	0.052	0.4	mg/L	08/23/18	08/24/18	TP	
Method: SM 4500-P-B-5-E	Prep Method: 4500-P-B-5						QCBatchID:		QC1195029
Total Phosphorous as P	**0.242**	1	0.01	0.02	mg/L	08/30/18	08/30/18	TP	
Total Phosphorous as PO4	**0.742**	1	0.03	0.06	mg/L	08/30/18	08/30/18	TP	
Method: SM 5210-B	Prep Method: Method						QCBatchID:		

Matrix:	Water	**Client:**	Rincon Consultants - Ventura	**Collector:**	Client
Sampled:	08/21/2018 12:00	**Site:**			
Sample #:	**405734-002**	**Client Sample #:**	MCWP-MW04S	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
See Attached		1							
Method: SM 5310B	Prep Method: Method						QCBatchID: QC1194795		
Total Organic Carbon (TOC)	**29.1**	1	0.203	1	mg/L	08/24/18	08/24/18	TP	
Method: SM 5540-C	Prep Method: Method						QCBatchID: QC1194642		
MBAS	**0.081**	1	0.018	0.04	mg/L	08/21/18 17:00	08/21/18 21:55	NP	
Method: sm 9223-B-b	Prep Method: Method						QCBatchID: QC1194682		
Fecal Coliform	**<2**	2			MPN/100ml	08/21/18 18:03	08/22/18	LH	
Total Coliform	**660**	2			MPN/100ml	08/21/18 18:03	08/22/18	LH	

Matrix: Water **Client:** Rincon Consultants - Ventura **Collector:** Client
Sampled: 08/21/2018 09:25 **Site:**
Sample #: 405734-003 **Client Sample #:** MCWP-MW07S **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024 Prep Method: None							QCBatchID:		
Total Organic Nitrogen	**0.4 J**	1	0.04	0.5	mg/L		08/31/18	SLL	J
Method: ALCH 4025 Prep Method: None							QCBatchID:		
Total Nitrogen	**4.40**	1	0.1	0.5	mg/L		08/31/18	SLL	
Method: EPA 100.1 Prep Method: Method							QCBatchID:		
See Attached		1							
Method: EPA 1613B Prep Method: See Attached							QCBatchID:		
See Attached		1							
Method: EPA 1625C Prep Method: Method							QCBatchID:		
See Attached		1							
Method: EPA 1664A Prep Method: Method							QCBatchID:		
See Attached		1							
Method: EPA 200.7 Prep Method: EPA 200.7							QCBatchID:		QC1194656
Boron	**0.344**	1	0.009	0.05	mg/L	08/22/18	08/22/18	KLN	
Calcium	**94.7**	1	0.038	0.1	mg/L	08/22/18	08/27/18	KLN	
Iron	**11.8**	1	0.012	0.02	mg/L	08/22/18	08/22/18	KLN	
Magnesium	**94.8**	1	0.016	0.1	mg/L	08/22/18	08/22/18	KLN	
Manganese	**0.616**	1	0.001	0.01	mg/L	08/22/18	08/22/18	KLN	
Potassium	**5.35**	1	0.24	0.5	mg/L	08/22/18	08/27/18	KLN	
Sodium	**170**	1	0.15	0.5	mg/L	08/22/18	08/27/18	KLN	
Method: EPA 200.8 Prep Method: Method							QCBatchID:		QC1194832
Arsenic	**6.92**	1	0.31	2	ug/L	08/27/18	08/27/18	CO	
See Attached		1							
Selenium	**1.93 J**	1	0.39	2	ug/L	08/27/18	08/30/18	CO	J
Zinc	**33.5**	1	2.7	10	ug/L	08/27/18	08/27/18	CO	
Method: EPA 218.6 Prep Method: Method							QCBatchID:		
See Attached		1							
Method: EPA 245.1 Prep Method: Method							QCBatchID:		
See Attached		1							
Method: EPA 300.0 Prep Method: Method							QCBatchID:		QC1194632
Chloride	**209**	10	0.9	10	mg/L	08/21/18	08/22/18 00:02	CO	
Nitrate + Nitrite, as Nitrogen	**3.95**	1	0.017	0.1	mg/L	08/21/18	08/21/18 20:49	CO	
Nitrate, as Nitrogen	**3.95**	1	0.017	0.1	mg/L	08/21/18	08/21/18 20:49	CO	
Nitrite, as Nitrogen	ND	1	0.013	0.1	mg/L	08/21/18	08/21/18 20:49	CO	
Sulfate	**248**	10	0.87	10	mg/L	08/21/18	08/22/18 00:02	CO	
Method: EPA 300.1 Prep Method: Method							QCBatchID:		
See Attached		1							
Method: EPA 314.0 Prep Method: Method							QCBatchID:		QC1194912
Perchlorate	ND	1	1.1	2	ug/L	08/28/18	08/28/18	CO	
Method: EPA 504.1 Prep Method: Method							QCBatchID:		
See Attached		1							
Method: EPA 508 Prep Method: Method							QCBatchID:		
See Attached		1							
Method: EPA 515.3 Prep Method: Method							QCBatchID:		
See Attached		1							
Method: EPA 524.2 Prep Method: 5030B							QCBatchID:		QC1194679
1,1,1-Trichloroethane	ND	1	0.119	0.5	ug/L		08/22/18	LZ	
1,1,2,2-Tetrachloroethane	ND	1	0.223	0.5	ug/L		08/22/18	LZ	
1,1,2-Trichloroethane	ND	1	0.136	0.5	ug/L		08/22/18	LZ	
1,1,2-Trichlorotrifluoroethane	ND	1	0.134	0.5	ug/L		08/22/18	LZ	
1,1-Dichloroethane	ND	1	0.109	0.5	ug/L		08/22/18	LZ	

Matrix:	Water	**Client:**	Rincon Consultants - Ventura	**Collector:**	Client
Sampled:	08/21/2018 09:25	**Site:**			
Sample #:	**405734-003**	**Client Sample #:**	MCWP-MW07S	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
1,1-Dichloroethene	ND	1	0.144	0.5	ug/L		08/22/18	LZ	
1,2,4-Trichlorobenzene	ND	1	0.162	0.5	ug/L		08/22/18	LZ	
1,2-Dichlorobenzene	ND	1	0.161	0.5	ug/L		08/22/18	LZ	
1,2-Dichloroethane	ND	1	0.113	0.5	ug/L		08/22/18	LZ	
1,2-Dichloropropane	ND	1	0.197	0.5	ug/L		08/22/18	LZ	
1,3-Dichlorobenzene	ND	1	0.176	0.5	ug/L		08/22/18	LZ	
1,4-Dichlorobenzene	ND	1	0.185	0.5	ug/L		08/22/18	LZ	
Benzene	ND	1	0.124	0.5	ug/L		08/22/18	LZ	
Bromodichloromethane	ND	1	0.161	0.5	ug/L		08/22/18	LZ	
Bromoform	ND	1	0.142	0.5	ug/L		08/22/18	LZ	
Bromomethane	ND	1	0.185	0.5	ug/L		08/22/18	LZ	
Carbon Tetrachloride	ND	1	0.115	0.5	ug/L		08/22/18	LZ	
Chlorobenzene	ND	1	0.131	0.5	ug/L		08/22/18	LZ	
Chlorodibromomethane	ND	1	0.13	0.5	ug/L		08/22/18	LZ	
Chloroethane	ND	1	0.4	0.5	ug/L		08/22/18	LZ	
Chloroform	ND	1	0.103	0.5	ug/L		08/22/18	LZ	
Chloromethane	ND	1	0.095	0.5	ug/L		08/22/18	LZ	
cis-1,2-Dichloroethene	**0.46 J**	1	0.114	0.5	ug/L		08/22/18	LZ	J
cis-1,3-dichloropropene	ND	1	0.107	0.5	ug/L		08/22/18	LZ	
Ethylbenzene	ND	1	0.149	0.5	ug/L		08/22/18	LZ	
m and p-Xylene	ND	1	0.278	0.5	ug/L		08/22/18	LZ	
Methylene chloride	**0.25 J**	1	0.155	0.5	ug/L		08/22/18	LZ	J
Methyl-t-butyl Ether (MTBE)	ND	1	0.15	0.5	ug/L		08/22/18	LZ	
Styrene	ND	1	0.108	0.5	ug/L		08/22/18	LZ	
Tetrachloroethene	ND	1	0.372	0.5	ug/L		08/22/18	LZ	
Toluene	ND	1	0.142	0.5	ug/L		08/22/18	LZ	
trans-1,2-dichloroethene	ND	1	0.112	0.5	ug/L		08/22/18	LZ	
trans-1,3-dichloropropene	ND	1	0.148	0.5	ug/L		08/22/18	LZ	
Trichloroethene	ND	1	0.239	0.5	ug/L		08/22/18	LZ	
Trichlorofluoromethane	ND	1	0.097	0.5	ug/L		08/22/18	LZ	
Vinyl Chloride	ND	1	0.06	0.5	ug/L		08/22/18	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*95*	*70-145*	
4-Bromofluorobenzene (SUR)	*101*	*70-145*	
Dibromofluoromethane (SUR)	*107*	*70-145*	
Toluene-d8 (SUR)	*96*	*70-145*	

Method: EPA 525.2	Prep Method: Method		QCBatchID:
See Attached		1	

Method: EPA 531.1	Prep Method: Method		QCBatchID:
See Attached		1	

Method: EPA 547	Prep Method: Method		QCBatchID:
See Attached		1	

Method: EPA 548.1	Prep Method: Method		QCBatchID:
See Attached		1	

Method: EPA 549.2	Prep Method: Method		QCBatchID:
See Attached		1	

Method: EPA 552.2	Prep Method: See Attached		QCBatchID:
See Attached		1	

Method: EPA 624	Prep Method: 5030B						QCBatchID:	QC1194680
2-Chloroethyl Vinyl Ether	ND	1	0.23	5	ug/L		08/22/18	LZ
Acrolein	ND	1	3.3	5	ug/L		08/22/18	LZ
Acrylonitrile	ND	1	1.6	2	ug/L		08/22/18	LZ

Matrix:	Water	**Client:**	Rincon Consultants - Ventura	**Collector:**	Client
Sampled:	08/21/2018 09:25	**Site:**			
Sample #:	**405734-003**	**Client Sample #:**	MCWP-MW07S	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Surrogate	*% Recovery*		*Limits*		*Notes*				
1,2-Dichloroethane-d4 (SUR)	*95*		*70-135*						
4-Bromofluorobenzene (SUR)	*101*		*70-135*						
Dibromofluoromethane (SUR)	*107*		*70-135*						
Toluene-d8 (SUR)	*96*		*70-135*						
Method: EPA 625	Prep Method: See Attached						QCBatchID:		
See Attached		1							
Method: EPA 900.0	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 903.1	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 904.0	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 905.0	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 906.0	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 908.0	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: SM 2120-B	Prep Method: Method						QCBatchID:		QC1194657
Color	ND	1	5	5	Color Unit		08/22/18 10:00	WW	
Method: SM 2130-B	Prep Method: Method						QCBatchID:		QC1194659
Turbidity	**110**	1	0.1	0.1	NTU		08/22/18 10:00	WW	
Method: SM 2150-B	Prep Method: Method						QCBatchID:		QC1194658
Odor Threshold	ND	1	1	1	T.O.N		08/22/18 10:00	WW	
Method: SM 2320-B	Prep Method: Method						QCBatchID:		QC1194909
Total Alkalinity (as CaCO3)	**440**	2.5	12.5	12.5	mg/L		08/28/18	WW	
Method: SM 2330B	Prep Method: Method						QCBatchID:		QC1195039
CCPP	**0.56**	1					08/31/18	SLL	
Method: SM 2540-C	Prep Method: Method						QCBatchID:		QC1194824
Total Dissolved Solids	**1210**	2	20	20	mg/L	08/23/18	08/24/18	DXN	
Method: SM 2540-D	Prep Method: SM 2540-D						QCBatchID:		QC1194877
Total Suspended Solids	**385**	4	2	2	mg/L	08/27/18	08/27/18	TP	
Method: SM 4500-Cl	Prep Method: Method						QCBatchID:		QC1194654
Chlorine, Total Residual	ND	1	0.01	0.1	mg/L		08/22/18 10:15	WW	T2
Method: SM 4500-CN-E	Prep Method: Method						QCBatchID:		QC1194786
Cyanide	ND	1	0.002	0.01	mg/L	08/24/18	08/28/18	TP	
Method: SM 4500-F-C	Prep Method: Method						QCBatchID:		QC1194883
Fluoride	**0.387**	1	0.005	0.1	mg/L		08/27/18	WW	
Method: SM 4500-H+B	Prep Method: Method						QCBatchID:		QC1194687
pH	**7.52**	1			pH Units		08/22/18 13:00	WW	T2
Method: SM 4500-NH3-G	Prep Method: Method						QCBatchID:		QC1194958
Ammonia, as Nitrogen	ND	1	0.01	0.1	mg/L	08/29/18	08/29/18	TP	
Method: SM 4500-NH3-G	Prep Method: SM4500-Norg/Auto						QCBatchID:		QC1194751
Total Kjeldahl Nitrogen	**0.447**	1	0.052	0.4	mg/L	08/23/18	08/24/18	TP	
Method: SM 4500-P-B-5-E	Prep Method: 4500-P-B-5						QCBatchID:		QC1195029
Total Phosphorous as P	**0.529**	1	0.01	0.02	mg/L	08/30/18	08/30/18	TP	
Total Phosphorous as PO4	**1.620**	1	0.03	0.06	mg/L	08/30/18	08/30/18	TP	
Method: SM 5210-B	Prep Method: Method						QCBatchID:		

Matrix:	Water	**Client:**	Rincon Consultants - Ventura	**Collector:**	Client
Sampled:	08/21/2018 09:25	**Site:**			
Sample #:	**405734-003**	**Client Sample #:**	MCWP-MW07S	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
See Attached		1							
Method: SM 5310B	Prep Method: Method						QCBatchID: QC1194795		
Total Organic Carbon (TOC)	**8.89**	1	0.203	1	mg/L	08/24/18	08/24/18	TP	
Method: SM 5540-C	Prep Method: Method						QCBatchID: QC1194642		
MBAS	**0.064 J**	2.5	0.045	0.1	mg/L	08/21/18 17:00	08/21/18 21:55	NP	J
Method: sm 9223-B-b	Prep Method: Method						QCBatchID: QC1194682		
Fecal Coliform	**<2**	2			MPN/100ml	08/21/18 18:03	08/22/18	LH	
Total Coliform	**32**	2			MPN/100ml	08/21/18 18:03	08/22/18	LH	

Matrix: Water	**Client:** Rincon Consultants - Ventura		**Collector:** Client		
Sampled: 08/21/2018 11:00	**Site:**				
Sample #: 405734-004	**Client Sample #:** MCWP-MW07D		**Sample Type:**		

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024	Prep Method: None						QCBatchID:		
Total Organic Nitrogen	**0.4 J**	1	0.04	0.5	mg/L		08/31/18	SLL	J
Method: ALCH 4025	Prep Method: None						QCBatchID:		
Total Nitrogen	**0.64**	1	0.1	0.5	mg/L		08/31/18	SLL	
Method: EPA 100.1	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 1613B	Prep Method: See Attached						QCBatchID:		
See Attached		1							
Method: EPA 1625C	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 1664A	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 200.7	Prep Method: EPA 200.7						QCBatchID:		QC1194656
Boron	**0.548**	1	0.009	0.05	mg/L	08/22/18	08/22/18	KLN	
Calcium	**290**	1	0.038	0.1	mg/L	08/22/18	08/27/18	KLN	
Iron	**0.377**	1	0.012	0.02	mg/L	08/22/18	08/22/18	KLN	
Magnesium	**199**	1	0.016	0.1	mg/L	08/22/18	08/22/18	KLN	
Manganese	**0.777**	1	0.001	0.01	mg/L	08/22/18	08/22/18	KLN	
Potassium	**4.95**	1	0.24	0.5	mg/L	08/22/18	08/27/18	KLN	
Sodium	**336**	1	0.15	0.5	mg/L	08/22/18	08/27/18	KLN	
Method: EPA 200.8	Prep Method: Method						QCBatchID:		QC1194832
Arsenic	**2.70**	1	0.31	2	ug/L	08/27/18	08/27/18	CO	
See Attached		1							
Selenium	**7.97**	1	0.39	2	ug/L	08/27/18	08/30/18	CO	
Zinc	**13.6**	1	2.7	10	ug/L	08/27/18	08/27/18	CO	
Method: EPA 218.6	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 245.1	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 300.0	Prep Method: Method						QCBatchID:		QC1194632
Chloride	**387**	10	0.9	10	mg/L	08/21/18	08/22/18 00:19	CO	
Nitrate + Nitrite, as Nitrogen	**0.18**	1	0.017	0.1	mg/L	08/21/18	08/21/18 21:07	CO	
Nitrate, as Nitrogen	**0.18**	1	0.017	0.1	mg/L	08/21/18	08/21/18 21:07	CO	
Nitrite, as Nitrogen	ND	1	0.013	0.1	mg/L	08/21/18	08/21/18 21:07	CO	
Sulfate	**1130**	20	1.74	20	mg/L	08/21/18	08/24/18 21:05	CO	
Method: EPA 300.1	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 314.0	Prep Method: Method						QCBatchID:		QC1194912
Perchlorate	ND	1	1.1	2	ug/L	08/28/18	08/28/18	CO	
Method: EPA 504.1	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 508	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 515.3	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 524.2	Prep Method: 5030B						QCBatchID:		QC1194679
1,1,1-Trichloroethane	ND	1	0.119	0.5	ug/L		08/22/18	LZ	
1,1,2,2-Tetrachloroethane	ND	1	0.223	0.5	ug/L		08/22/18	LZ	
1,1,2-Trichloroethane	ND	1	0.136	0.5	ug/L		08/22/18	LZ	
1,1,2-Trichlorotrifluoroethane	ND	1	0.134	0.5	ug/L		08/22/18	LZ	
1,1-Dichloroethane	ND	1	0.109	0.5	ug/L		08/22/18	LZ	

Matrix: Water **Client:** Rincon Consultants - Ventura **Collector:** Client
Sampled: 08/21/2018 11:00 **Site:**
Sample #: 405734-004 **Client Sample #:** MCWP-MW07D **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
1,1-Dichloroethene	ND	1	0.144	0.5	ug/L		08/22/18	LZ	
1,2,4-Trichlorobenzene	ND	1	0.162	0.5	ug/L		08/22/18	LZ	
1,2-Dichlorobenzene	ND	1	0.161	0.5	ug/L		08/22/18	LZ	
1,2-Dichloroethane	ND	1	0.113	0.5	ug/L		08/22/18	LZ	
1,2-Dichloropropane	ND	1	0.197	0.5	ug/L		08/22/18	LZ	
1,3-Dichlorobenzene	ND	1	0.176	0.5	ug/L		08/22/18	LZ	
1,4-Dichlorobenzene	ND	1	0.185	0.5	ug/L		08/22/18	LZ	
Benzene	ND	1	0.124	0.5	ug/L		08/22/18	LZ	
Bromodichloromethane	ND	1	0.161	0.5	ug/L		08/22/18	LZ	
Bromoform	ND	1	0.142	0.5	ug/L		08/22/18	LZ	
Bromomethane	ND	1	0.185	0.5	ug/L		08/22/18	LZ	
Carbon Tetrachloride	ND	1	0.115	0.5	ug/L		08/22/18	LZ	
Chlorobenzene	ND	1	0.131	0.5	ug/L		08/22/18	LZ	
Chlorodibromomethane	ND	1	0.13	0.5	ug/L		08/22/18	LZ	
Chloroethane	ND	1	0.4	0.5	ug/L		08/22/18	LZ	
Chloroform	ND	1	0.103	0.5	ug/L		08/22/18	LZ	
Chloromethane	ND	1	0.095	0.5	ug/L		08/22/18	LZ	
cis-1,2-Dichloroethene	ND	1	0.114	0.5	ug/L		08/22/18	LZ	
cis-1,3-dichloropropene	ND	1	0.107	0.5	ug/L		08/22/18	LZ	
Ethylbenzene	ND	1	0.149	0.5	ug/L		08/22/18	LZ	
m and p-Xylene	ND	1	0.278	0.5	ug/L		08/22/18	LZ	
Methylene chloride	ND	1	0.155	0.5	ug/L		08/22/18	LZ	
Methyl-t-butyl Ether (MTBE)	ND	1	0.15	0.5	ug/L		08/22/18	LZ	
Styrene	ND	1	0.108	0.5	ug/L		08/22/18	LZ	
Tetrachloroethene	ND	1	0.372	0.5	ug/L		08/22/18	LZ	
Toluene	ND	1	0.142	0.5	ug/L		08/22/18	LZ	
trans-1,2-dichloroethene	ND	1	0.112	0.5	ug/L		08/22/18	LZ	
trans-1,3-dichloropropene	ND	1	0.148	0.5	ug/L		08/22/18	LZ	
Trichloroethene	ND	1	0.239	0.5	ug/L		08/22/18	LZ	
Trichlorofluoromethane	ND	1	0.097	0.5	ug/L		08/22/18	LZ	
Vinyl Chloride	ND	1	0.06	0.5	ug/L		08/22/18	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*94*	*70-145*	
4-Bromofluorobenzene (SUR)	*100*	*70-145*	
Dibromofluoromethane (SUR)	*106*	*70-145*	
Toluene-d8 (SUR)	*97*	*70-145*	

Method: EPA 525.2	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 531.1	**Prep Method: Method**						**QCBatchID:**		
See Attached		1							
Method: EPA 547	**Prep Method: Method**						**QCBatchID:**		
See Attached		1							
Method: EPA 548.1	**Prep Method: Method**						**QCBatchID:**		
See Attached		1							
Method: EPA 549.2	**Prep Method: Method**						**QCBatchID:**		
See Attached		1							
Method: EPA 552.2	**Prep Method: See Attached**						**QCBatchID:**		
See Attached		1							
Method: EPA 624	**Prep Method: 5030B**						**QCBatchID:**		QC1194680
2-Chloroethyl Vinyl Ether	ND	1	0.23	5	ug/L		08/22/18	LZ	
Acrolein	ND	1	3.3	5	ug/L		08/22/18	LZ	
Acrylonitrile	ND	1	1.6	2	ug/L		08/22/18	LZ	

Matrix:	Water	**Client:**	Rincon Consultants - Ventura	**Collector:**	Client
Sampled:	08/21/2018 11:00	**Site:**			
Sample #:	**405734-004**	**Client Sample #:**	MCWP-MW07D	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Surrogate	*% Recovery*		*Limits*	*Notes*					
1,2-Dichloroethane-d4 (SUR)	*94*		*70-135*						
4-Bromofluorobenzene (SUR)	*100*		*70-135*						
Dibromofluoromethane (SUR)	*106*		*70-135*						
Toluene-d8 (SUR)	*97*		*70-135*						
Method: EPA 625	Prep Method: See Attached						QCBatchID:		
See Attached		1							
Method: EPA 900.0	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 903.1	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 904.0	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 905.0	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 906.0	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 908.0	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: SM 2120-B	Prep Method: Method						QCBatchID:		QC1194657
Color	ND	1	5	5	Color Unit		08/22/18 10:00	WW	
Method: SM 2130-B	Prep Method: Method						QCBatchID:		QC1194659
Turbidity	**3.5**	1	0.1	0.1	NTU		08/22/18 10:00	WW	
Method: SM 2150-B	Prep Method: Method						QCBatchID:		QC1194658
Odor Threshold	ND	1	1	1	T.O.N		08/22/18 10:00	WW	
Method: SM 2320-B	Prep Method: Method						QCBatchID:		QC1194909
Total Alkalinity (as CaCO3)	**520**	2.5	12.5	12.5	mg/L		08/28/18	WW	
Method: SM 2330B	Prep Method: Method						QCBatchID:		QC1195039
CCPP	**0.64**	1					08/31/18	SLL	
Method: SM 2540-C	Prep Method: Method						QCBatchID:		QC1194824
Total Dissolved Solids	**3070**	2	20	20	mg/L	08/23/18	08/24/18	DXN	
Method: SM 2540-D	Prep Method: SM 2540-D						QCBatchID:		QC1194877
Total Suspended Solids	**13.6**	1.05	0.525	0.525	mg/L	08/27/18	08/27/18	TP	
Method: SM 4500-Cl	Prep Method: Method						QCBatchID:		QC1194654
Chlorine, Total Residual	ND	1	0.01	0.1	mg/L		08/22/18 10:15	WW	T2
Method: SM 4500-CN-E	Prep Method: Method						QCBatchID:		QC1194786
Cyanide	ND	1	0.002	0.01	mg/L	08/24/18	08/28/18	TP	
Method: SM 4500-F-C	Prep Method: Method						QCBatchID:		QC1194883
Fluoride	**0.335**	1	0.005	0.1	mg/L		08/27/18	WW	
Method: SM 4500-H+B	Prep Method: Method						QCBatchID:		QC1194687
pH	**7.18**	1			pH Units		08/22/18 13:00	WW	T2
Method: SM 4500-NH3-G	Prep Method: Method						QCBatchID:		QC1194958
Ammonia, as Nitrogen	**0.080 J**	1	0.01	0.1	mg/L	08/29/18	08/29/18	TP	J
Method: SM 4500-NH3-G	Prep Method: SM4500-Norg/Auto						QCBatchID:		QC1194751
Total Kjeldahl Nitrogen	**0.461**	1	0.052	0.4	mg/L	08/23/18	08/24/18	TP	
Method: SM 4500-P-B-5-E	Prep Method: 4500-P-B-5						QCBatchID:		QC1195029
Total Phosphorous as P	**0.228**	1	0.01	0.02	mg/L	08/30/18	08/30/18	TP	
Total Phosphorous as PO4	**0.699**	1	0.03	0.06	mg/L	08/30/18	08/30/18	TP	
Method: SM 5210-B	Prep Method: Method						QCBatchID:		

Matrix:	Water	**Client:**	Rincon Consultants - Ventura	**Collector:**	Client
Sampled:	08/21/2018 11:00	**Site:**			
Sample #:	**405734-004**	**Client Sample #:**	MCWP-MW07D	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
See Attached		1							
Method: SM 5310B	Prep Method: Method						QCBatchID: QC1194795		
Total Organic Carbon (TOC)	**18.6**	1	0.203	1	mg/L	08/24/18	08/24/18	TP	
Method: SM 5540-C	Prep Method: Method						QCBatchID: QC1194642		
MBAS	**0.050**	1	0.018	0.04	mg/L	08/21/18 17:00	08/21/18 21:55	NP	
Method: sm 9223-B-b	Prep Method: Method						QCBatchID: QC1194682		
Fecal Coliform	**<2**	2			MPN/100ml	08/21/18 18:03	08/22/18	LH	
Total Coliform	**4**	2			MPN/100ml	08/21/18 18:03	08/22/18	LH	

QCBatchID: QC1194632 **Analyst:** cota **Method:** EPA 300.0

Matrix: Water **Analyzed:** 08/21/2018 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1194632MB1					
Bromide	ND	mg/L	0.039	0.3	
Chloride	ND	mg/L	0.09	1	
Nitrate, as Nitrogen	ND	mg/L	0.017	0.1	
Nitrite, as Nitrogen	**0.0416 J**	mg/L	0.013	0.1	
Sulfate	ND	mg/L	0.087	0.5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194632LCS1											
Bromide	15		13.8		mg/L	92			90-110		
Chloride	100		98.4		mg/L	98			90-110		
Nitrate, as Nitrogen	9.03		8.86		mg/L	98			90-110		
Nitrite, as Nitrogen	9.15		8.98		mg/L	98			90-110		
Sulfate	50		48.7		mg/L	97			90-110		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194632MS1, QC1194632MSD1												**Source: 405678-001**
Bromide	ND	15	15	14.8	14.9	mg/L	99	99	0.7	80-120	20	
Chloride	105	100	100	198	198	mg/L	93	93	0.0	80-120	20	
Nitrate, as Nitrogen	ND	9.03	9.03	9.46	9.52	mg/L	105	105	0.6	80-120	20	
Nitrite, as Nitrogen	ND	9.15	9.15	8.54	8.61	mg/L	93	94	0.8	80-120	20	
Sulfate	11.2	50	50	63.0	63.5	mg/L	104	105	0.8	80-120	20	
QC1194632MS2, QC1194632MSD2												**Source: 405684-001**
Bromide	ND	15	15	14.7	14.7	mg/L	98	98	0.0	80-120	20	
Chloride	88.3	100	100	183	184	mg/L	95	96	0.5	80-120	20	
Nitrate, as Nitrogen	ND	9.03	9.03	9.51	9.54	mg/L	105	106	0.3	80-120	20	
Nitrite, as Nitrogen	ND	9.15	9.15	8.44	8.55	mg/L	92	93	1.3	80-120	20	
Sulfate	10.3	50	50	62.1	62.3	mg/L	104	104	0.3	80-120	20	

QCBatchID: QC1194642 **Analyst:** npham **Method:** SM 5540-C

Matrix: Water **Analyzed:** 08/21/2018 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1194642MB1					
MBAS	ND	mg/L	0.018	0.04	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries		RPD	Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD		%Rec	RPD	
QC1194642LCS1											
MBAS	1		1.0		mg/L	100			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries		RPD	Limits		Notes
		MS	MSD	MS	MSD		MS	MSD		%Rec	RPD	
QC1194642MS1, QC1194642MSD1												**Source: 405713-003**
MBAS	0.031	1	1	1.0	0.99	mg/L	97	96	1.0	75-125	20	

QCBatchID: QC1194654 **Analyst:** tdang **Method:** SM 4500-Cl

Matrix: Water **Analyzed:** 08/22/2018 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1194654MB1					
Chlorine, Total Residual	ND	mg/L	0.01	0.1	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194654LCS1											
Chlorine, Total Residual	1		0.91		mg/L	91			80-120		

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1194654DUP1						**Source: 405734-003**
Chlorine, Total Residual	ND	ND	mg/L	0.0	20	

QCBatchID: QC1194656 **Analyst:** dswafford **Method:** EPA 200.7

Matrix: Water **Analyzed:** 08/22/2018 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1194656MB1					
Arsenic	ND	mg/L	0.004	0.01	
Boron	ND	mg/L	0.009	0.05	
Cadmium	ND	mg/L	0.001	0.005	
Calcium	ND	mg/L	0.038	0.1	
Chromium	ND	mg/L	0.002	0.01	
Copper	ND	mg/L	0.001	0.01	
Iron	ND	mg/L	0.012	0.02	
Lead	ND	mg/L	0.004	0.01	
Magnesium	**0.077 J**	mg/L	0.016	0.1	
Manganese	ND	mg/L	0.001	0.01	
Molybdenum	**0.009 J**	mg/L	0.002	0.01	
Nickel	ND	mg/L	0.001	0.01	
Potassium	ND	mg/L	0.24	0.5	
Selenium	ND	mg/L	0.004	0.03	
Silver	ND	mg/L	0.002	0.005	
Sodium	ND	mg/L	0.15	0.5	
Zinc	**0.005 J**	mg/L	0.002	0.05	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194656LCS1											
Arsenic	2		2.00		mg/L	100			85-115		
Boron	2		1.77		mg/L	89			85-115		
Cadmium	2		1.86		mg/L	93			85-115		
Calcium	20		19.0		mg/L	95			85-115		
Chromium	2		1.84		mg/L	92			85-115		
Copper	2		1.86		mg/L	93			85-115		
Iron	2		1.93		mg/L	97			85-115		
Lead	2		1.81		mg/L	91			85-115		
Magnesium	20		19.9		mg/L	100			85-115		
Manganese	2		1.94		mg/L	97			85-115		
Molybdenum	2		2.07		mg/L	104			85-115		
Nickel	2		1.85		mg/L	93			85-115		
Potassium	38		34.0		mg/L	89			85-115		
Selenium	2		2.04		mg/L	102			85-115		
Silver	2		1.76		mg/L	88			85-115		
Sodium	20		17.3		mg/L	87			85-115		
Zinc	2		1.85		mg/L	93			85-115		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194656MS1												**Source: 405734-004**
Arsenic	ND	1		1.02		mg/L	102			75-125		
Boron	0.548	1		1.48		mg/L	93			75-125		
Cadmium	ND	1		0.857		mg/L	86			75-125		
Calcium	290	20		315		mg/L	125			75-125		
Chromium	0.004	1		0.918		mg/L	91			75-125		
Copper	0.020	1		0.915		mg/L	90			75-125		
Iron	0.377	1		1.28		mg/L	90			75-125		
Lead	0.008	1		0.857		mg/L	85			75-125		

QCBatchID: QC1194656 **Analyst:** dswafford **Method:** EPA 200.7

Matrix: Water **Analyzed:** 08/22/2018 **Instrument:** AAICP (group)

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194656MS1												**Source: 405734-004**
Magnesium	199	20		223		mg/L	120			75-125		
Manganese	0.777	1		1.72		mg/L	94			75-125		
Molybdenum	0.040	1		1.02		mg/L	98			75-125		
Nickel	0.002	1		0.855		mg/L	85			75-125		
Potassium	4.95	29		31.8		mg/L	93			75-125		
Selenium	0.072	1		1.05		mg/L	98			75-125		
Silver	0.004	1		0.921		mg/L	92			75-125		
Sodium	336	20		366		mg/L	150			75-125		NC
Zinc	0.007	1		0.874		mg/L	87			75-125		

QCBatchID:	**QC1194657**	**Analyst:**	tdang	**Method:**	SM 2120-B
Matrix:	Water	**Analyzed:**	08/22/2018	**Instrument:**	CHEM (group)

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1194657DUP1						**Source: 405734-001**
Color	ND	ND	Color Unit	0.0	20	

QCBatchID:	**QC1194658**	**Analyst:**	tdang	**Method:**	SM 2150-B
Matrix:	Water	**Analyzed:**	08/22/2018	**Instrument:**	CHEM (group)

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1194658DUP1						**Source: 405734-001**
Odor Threshold	ND	ND	T.O.N	0.0	20	

QCBatchID:	**QC1194659**	**Analyst:**	tdang	**Method:**	SM 2130-B
Matrix:	Water	**Analyzed:**	08/22/2018	**Instrument:**	CHEM (group)

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1194659DUP1						**Source: 405734-001**
Turbidity	20	20	NTU	0.0	20	

QCBatchID: QC1194679	**Analyst:** lucy	**Method:** EPA 524.2	
Matrix: Water	**Analyzed:** 08/22/2018	**Instrument:** VOA-MS (group)	

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1194679MB1					
1,1,1,2-Tetrachloroethane	ND	ug/L	0.132	0.5	
1,1,1-Trichloroethane	ND	ug/L	0.119	0.5	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.223	0.5	
1,1,2-Trichloroethane	ND	ug/L	0.136	0.5	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	0.134	0.5	
1,1-Dichloroethane	ND	ug/L	0.109	0.5	
1,1-Dichloroethene	ND	ug/L	0.144	0.5	
1,1-Dichloropropene	ND	ug/L	0.152	0.5	
1,2,3-Trichlorobenzene	ND	ug/L	0.224	0.5	
1,2,4-Trichlorobenzene	ND	ug/L	0.162	0.5	
1,2,4-Trimethylbenzene	ND	ug/L	0.094	0.5	
1,2-Dibromo-3-chloropropane	ND	ug/L	0.228	0.5	
1,2-Dibromoethane	ND	ug/L	0.116	0.5	
1,2-Dichlorobenzene	ND	ug/L	0.161	0.5	
1,2-Dichloroethane	ND	ug/L	0.113	0.5	
1,2-Dichloropropane	ND	ug/L	0.197	0.5	
1,3,5-Trimethylbenzene	ND	ug/L	0.153	0.5	
1,3-Dichlorobenzene	ND	ug/L	0.176	0.5	
1,3-Dichloropropane	ND	ug/L	0.134	0.5	
1,4-Dichlorobenzene	ND	ug/L	0.185	0.5	
2,2-Dichloropropane	ND	ug/L	0.218	0.5	
2-Chlorotoluene	ND	ug/L	0.177	0.5	
4-Chlorotoluene	ND	ug/L	0.172	0.5	
4-Isopropyltoluene	ND	ug/L	0.112	0.5	
Benzene	ND	ug/L	0.124	0.5	
Bromobenzene	ND	ug/L	0.207	0.5	
Bromochloromethane	ND	ug/L	0.129	0.5	
Bromodichloromethane	ND	ug/L	0.161	0.5	
Bromoform	ND	ug/L	0.142	0.5	
Bromomethane	ND	ug/L	0.185	0.5	
Carbon Tetrachloride	ND	ug/L	0.115	0.5	
Chlorobenzene	ND	ug/L	0.131	0.5	
Chlorodibromomethane	ND	ug/L	0.13	0.5	
Chloroethane	ND	ug/L	0.4	0.5	
Chloroform	ND	ug/L	0.103	0.5	
Chloromethane	ND	ug/L	0.095	0.5	
cis-1,2-Dichloroethene	ND	ug/L	0.114	0.5	
cis-1,3-dichloropropene	ND	ug/L	0.107	0.5	
Dibromomethane	ND	ug/L	0.133	0.5	
Dichlorodifluoromethane	ND	ug/L	0.224	0.5	
Ethylbenzene	ND	ug/L	0.149	0.5	
Hexachlorobutadiene	ND	ug/L	0.197	0.5	
Isopropylbenzene	ND	ug/L	0.129	0.5	
m and p-Xylene	ND	ug/L	0.278	0.5	
Methylene chloride	ND	ug/L	0.155	0.5	
Methyl-t-butyl Ether (MTBE)	ND	ug/L	0.15	0.5	
Naphthalene	ND	ug/L	0.061	0.5	
N-butylbenzene	ND	ug/L	0.163	0.5	
N-propylbenzene	ND	ug/L	0.134	0.5	
o-Xylene	ND	ug/L	0.148	0.5	
Sec-butylbenzene	ND	ug/L	0.124	0.5	
Styrene	ND	ug/L	0.108	0.5	

QCBatchID: QC1194679 **Analyst:** lucy **Method:** EPA 524.2

Matrix: Water **Analyzed:** 08/22/2018 **Instrument:** VOA-MS (group)

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1194679MB1					
Tert-butylbenzene	ND	ug/L	0.139	0.5	
Tetrachloroethene	ND	ug/L	0.372	0.5	
Toluene	ND	ug/L	0.142	0.5	
trans-1,2-dichloroethene	ND	ug/L	0.112	0.5	
trans-1,3-dichloropropene	ND	ug/L	0.148	0.5	
Trichloroethene	ND	ug/L	0.239	0.5	
Trichlorofluoromethane	ND	ug/L	0.097	0.5	
Vinyl Chloride	ND	ug/L	0.06	0.5	
Xylenes (Total)	ND	ug/L	0.278	0.5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194679LCS1											
1,1-Dichloroethene	50		54		ug/L	108			59-172		
Benzene	50		58		ug/L	116			62-137		
Chlorobenzene	50		58		ug/L	116			60-133		
Methyl-t-butyl Ether (MTBE)	50		46		ug/L	92			62-137		
Toluene	50		54		ug/L	108			59-139		
Trichloroethene	50		59		ug/L	118			66-142		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194679MS1												**Source: 405726-003**
1,1-Dichloroethene	ND	50		46		ug/L	92			59-172		
Benzene	ND	50		51		ug/L	102			62-137		
Chlorobenzene	ND	50		51		ug/L	102			60-133		
Methyl-t-butyl Ether (MTBE)	ND	50		41		ug/L	82			62-137		
Toluene	ND	50		48		ug/L	96			59-139		
Trichloroethene	ND	50		50		ug/L	100			66-142		

QCBatchID: QC1194680	**Analyst:** lucy	**Method:** EPA 624	
Matrix: Water	**Analyzed:** 08/22/2018	**Instrument:** VOA-MS (group)	

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1194680MB1					
1,1,1-Trichloroethane	ND	ug/L	0.063	0.5	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.063	0.5	
1,1,2-Trichloroethane	ND	ug/L	0.045	0.5	
1,1-Dichloroethane	ND	ug/L	0.078	0.5	
1,1-Dichloroethene	ND	ug/L	0.13	0.5	
1,2-Dibromoethane	ND	ug/L	0.043	0.5	
1,2-Dichlorobenzene	ND	ug/L	0.051	0.5	
1,2-Dichloroethane	ND	ug/L	0.066	0.5	
1,2-Dichloropropane	ND	ug/L	0.06	0.5	
1,3-Dichlorobenzene	ND	ug/L	0.052	0.5	
1,4-Dichlorobenzene	ND	ug/L	0.12	0.5	
2-Butanone (MEK)	ND	ug/L	0.3	5	
2-Chloroethyl Vinyl Ether	ND	ug/L	0.23	5	
Acetone	ND	ug/L	0.2	10	
Acrolein	ND	ug/L	3.3	5	
Acrylonitrile	ND	ug/L	1.6	2	
Benzene	ND	ug/L	0.071	0.5	
Bromodichloromethane	ND	ug/L	0.06	0.5	
Bromoform	ND	ug/L	0.053	0.5	
Bromomethane	ND	ug/L	0.13	1	
Carbon Tetrachloride	ND	ug/L	0.045	0.5	
Chlorobenzene	ND	ug/L	0.075	0.5	
Chlorodibromomethane	ND	ug/L	0.045	0.5	
Chloroethane	ND	ug/L	0.4	0.5	
Chloroform	ND	ug/L	0.044	0.5	
Chloromethane	ND	ug/L	0.055	0.5	
cis-1,3-dichloropropene	ND	ug/L	0.061	0.5	
Dichlorodifluoromethane	ND	ug/L	0.062	0.5	
Ethylbenzene	ND	ug/L	0.091	0.5	
Methylene chloride	ND	ug/L	0.15	0.5	
Methyl-t-butyl Ether (MTBE)	ND	ug/L	0.068	0.5	
Tetrachloroethene	ND	ug/L	0.15	0.5	
Toluene	ND	ug/L	0.078	0.5	
trans-1,2-dichloroethene	ND	ug/L	0.17	0.5	
trans-1,3-dichloropropene	ND	ug/L	0.056	0.5	
Trichloroethene	ND	ug/L	0.078	0.5	
Trichlorofluoromethane	ND	ug/L	0.06	0.5	
Vinyl Chloride	ND	ug/L	0.08	0.5	
Xylenes (Total)	ND	ug/L	0.25	0.5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194680LCS1											
1,1-Dichloroethene	50		54		ug/L	108			59-172		
Benzene	50		58		ug/L	116			62-137		
Chlorobenzene	50		58		ug/L	116			60-133		
Toluene	50		54		ug/L	108			59-139		
Trichloroethene	50		58		ug/L	116			66-142		

QCBatchID:	QC1194680	**Analyst:**	lucy	**Method:**	EPA 624
Matrix:	Water	**Analyzed:**	08/22/2018	**Instrument:**	VOA-MS (group)

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194680MS1, QC1194680MSD1												**Source: 405734-001**
1,1-Dichloroethene	ND	50	50	47	48	ug/L	94	96	2.1	59-172	22	
Benzene	ND	50	50	51	51	ug/L	102	102	0.0	62-137	24	
Chlorobenzene	ND	50	50	51	52	ug/L	102	104	1.9	60-133	21	
Toluene	ND	50	50	48	49	ug/L	96	98	2.1	59-139	21	
Trichloroethene	ND	50	50	51	52	ug/L	102	104	1.9	66-142	21	

QCBatchID:	**QC1194687**	**Analyst:**	wei	**Method:**	SM 4500-H+B
Matrix:	Water	**Analyzed:**	08/22/2018	**Instrument:**	CHEM (group)

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1194687DUP1						**Source: 405734-001**
pH	7.07	7.09	pH Units	0.3	20	

QCBatchID: QC1194751 **Analyst:** trinh **Method:** SM 4500-NH3-G

Matrix: Water **Analyzed:** 08/23/2018 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1194751MB1					
Total Kjeldahl Nitrogen	ND	mg/L	0.052	0.4	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194751LCS1											
Total Kjeldahl Nitrogen	2.5		2.3		mg/L	92			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194751MS1, QC1194751MSD1												**Source: 405740-001**
Total Kjeldahl Nitrogen	0.505	12.5	12.5	12	13	mg/L	92	100	8.0	80-120	20	

QCBatchID: QC1194786 **Analyst:** trinh **Method:** SM 4500-CN-E

Matrix: Water **Analyzed:** 08/24/2018 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1194786MB1					
Cyanide	ND	mg/L	0.002	0.01	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194786LCS1											
Cyanide	0.2		0.20		mg/L	100			85-115		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194786MS1, QC1194786MSD1												**Source: 405808-001**
Cyanide	ND	0.2	0.2	0.19	0.19	mg/L	95	95	0.0	80-120	20	

QCBatchID: QC1194795 **Analyst:** tdang **Method:** SM 5310B

Matrix: Water **Analyzed:** 08/24/2018 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1194795MB1					
Total Organic Carbon (TOC)	ND	mg/L	0.203	1	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194795LCS1											
Total Organic Carbon (TOC)	10		10.5		mg/L	105			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194795MS1, QC1194795MSD1												**Source: 405649-001**
Total Organic Carbon (TOC)	0.85	20	20	19.6	20.1	mg/L	94	96	2.5	80-120	20	

QCBatchID: QC1194824 **Analyst:** tdang **Method:** SM 2540-C

Matrix: Water **Analyzed:** 08/23/2018 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1194824MB1					
Total Dissolved Solids	ND	mg/L	10	10	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194824LCS1											
Total Dissolved Solids	3000		3000		mg/L	100			90-110		

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1194824DUP1						**Source: 405734-001**
Total Dissolved Solids	1610	1610	mg/L	0.0	5	

QCBatchID: QC1194832 **Analyst:** cota **Method:** EPA 200.8

Matrix: Water **Analyzed:** 08/27/2018 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1194832MB1					
Arsenic	ND	ug/L	0.31	2	
Selenium	ND	ug/L	0.39	2	
Zinc	ND	ug/L	2.7	10	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194832LCS1											
Arsenic	50		54.8		ug/L	110			85-115		
Selenium	50		49.5		ug/L	99			85-115		
Zinc	50		56.0		ug/L	112			85-115		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194832MS1												**Source: 405808-001**
Arsenic	1.12	50		53.5		ug/L	105			70-130		
Selenium	3.01	50		50.3		ug/L	95			70-130		
Zinc	9.84	50		60.9		ug/L	115			70-130		
QC1194832MS2												**Source: 405808-002**
Arsenic	0.743	50		56.5		ug/L	112			70-130		
Selenium	2.23	50		51.7		ug/L	99			70-130		
Zinc	7.95	50		58.9		ug/L	102			70-130		

QCBatchID:	**QC1194877**	**Analyst:**	trinh	**Method:**	SM 2540-D
Matrix:	Water	**Analyzed:**	08/27/2018	**Instrument:**	CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1194877MB1					
Total Suspended Solids	ND	mg/L	0.5	0.5	

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1194877DUP1						**Source: 405734-003**
Total Suspended Solids	385	385	mg/L	0.0	5	

QCBatchID:	**QC1194883**	**Analyst:**	wei	**Method:**	SM 4500-F-C
Matrix:	Water	**Analyzed:**	08/27/2018	**Instrument:**	CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1194883MB1					
Fluoride	ND	mg/L	0.005	0.1	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries		RPD	Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD		%Rec	RPD	
QC1194883LCS1											
Fluoride	1		0.965		mg/L	97			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries		RPD	Limits		Notes
		MS	MSD	MS	MSD		MS	MSD		%Rec	RPD	
QC1194883MS1, QC1194883MSD1												**Source: 405808-001**
Fluoride	1.15	1	1	2.08	2.13	mg/L	93	98	2.4	75-125	20	

QCBatchID: QC1194909 **Analyst:** wei **Method:** SM 2320-B

Matrix: Water **Analyzed:** 08/28/2018 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1194909MB1					
Bicarbonate (HCO3)	ND	mg/L	5	5	
Carbonate (CO3)	ND	mg/L	5	5	
Hydroxide (OH)	ND	mg/L	5	5	
Total Alkalinity (as CaCO3)	ND	mg/L	5	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194909LCS1											
Total Alkalinity (as CaCO3)	25000		24000		mg/L	96			90-110		

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1194909DUP1						**Source: 405808-001**
Total Alkalinity (as CaCO3)	870	850	mg/L	2.3	20	

QCBatchID:	**QC1194912**	**Analyst:**	cota	**Method:**	EPA 314.0
Matrix:	Water	**Analyzed:**	08/28/2018	**Instrument:**	AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1194912MB1					
Perchlorate	ND	ug/L	1.1	2	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194912LCS1											
Perchlorate	50		48		ug/L	96			85-115		

QCBatchID: QC1194958 **Analyst:** trinh **Method:** SM 4500-NH3-G

Matrix: Water **Analyzed:** 08/29/2018 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1194958MB1					
Ammonia, as Nitrogen	ND	mg/L	0.01	0.1	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194958LCS1											
Ammonia, as Nitrogen	5		4.50		mg/L	90			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194958MS1, QC1194958MSD1												**Source: 405807-002**
Ammonia, as Nitrogen	0.222	5	5	5.60	5.58	mg/L	108	107	0.4	80-120	20	

QCBatchID: QC1195029 **Analyst:** tdang **Method:** SM 4500-P-B-5-E

Matrix: Water **Analyzed:** 08/30/2018 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1195029MB1					
Total Phosphorous as P	ND	mg/L	0.01	0.02	
Total Phosphorous as PO4	ND	mg/L	0.03	0.06	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1195029LCS1											
Total Phosphorous as P	0.4		0.433		mg/L	108			80-120		
Total Phosphorous as PO4	1.23		1.330		mg/L	108			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1195029MS1, QC1195029MSD1												**Source: 405694-001**
Total Phosphorous as P	0.230	0.4	0.4	0.653	0.700	mg/L	106	118	6.9	75-125	20	
Total Phosphorous as PO4	0.705	1.23	1.23	2.00	2.14	mg/L	105	117	6.8	75-125	20	

Data Qualifiers and Definitions

Qualifiers

A	See Report Comments.
B	Analyte was present in an associated method blank.
B1	Analyte was present in a sample and associated method blank greater than MDL but less than RDL.
BQ1	No valid test replicates. Sample Toxicity is possible. Best result was reported.
BQ2	No valid test replicates.
BQ3	No valid test replicates. Final DO is less than 1.0 mg/L. Result may be greater.
BQ4	Minor Dissolved Oxygen loss was observed in the blank water check, however, the LCS was within criteria, validating the batch.
BQ5	Minor Dissolved Oxygen loss was observed in the blank water check.
C	Possible laboratory contamination.
D	RPD was not within control limits. The sample data was reported without further clarification.
D1	Lesser amount of sample was used due to insufficient amount of sample supplied.
D2	Reporting limit is elevated due to sample matrix. Target analyte was not detected above the elevated reporting limit.
D3	Insufficient sample was supplied for TCLP. Client was notified. TCLP was performed per the Client's instructions.
DW	Sample result is calculated on a dry weigh basis.
E	Concentration is estimated because it exceeds the quantification limits of the method.
I	The sample was read outside of the method required incubation period.
IR	Inconclusive Result. Legionella is present, however, there is possible non-specific agglutination preventing specific identification.
J	Reported value is estimated
L	The laboratory control sample (LCS) or laboratory control sample duplicate (LCSD) was out of control limits. Associated sample data was reported with qualifier.
L2	LCS did not meet recovery criteria, however, the MS and/or MSD met LCS recovery criteria, validating the batch.
M	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits due to matrix interference. The associated LCS and/or LCSD was within control limits and the sample data was reported without further clarification.
M1	The matrix spike (MS) or matrix spike duplicate (MSD) is not within control limits due to matrix interference.
M2	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits. The associated LCS and/or LCSD was not within control limits. Sample result is estimated.
N1	Sample chromatography does not match the specified TPH standard pattern.
NC	The analyte concentration in the sample exceeded the spike level by a factor of four or greater, spike recovery and limits do not apply.
P	Sample was received without proper preservation according to EPA guidelines.
P1	Temperature of sample storage refrigerator was out of acceptance limits.
P2	The sample was preserved within 24 hours of collection in accordance with EPA 218.6.
P3	Per Client request, sample was composited for volatile analysis. Sample compositing for volatile analysis is not recommended due to potential loss of target analytes. Results may be biased low.
Q1	Analyte Calibration Verification exceeds criteria. The result is estimated.
Q2	Analyte calibration was not verified and the result was estimated.
Q3	Analyte initial calibration was not available or exceeds criteria. The result was estimated.
S	The surrogate recovery was out of control limits due to matrix interference. The associated method blank surrogate recovery was within control limits and the sample data was reported without further clarification.
S1	The associated surrogate recovery was out of control limits; result is estimated.
S2	The surrogate was diluted out due to the presence of high concentrations of target and/or non-target compounds. Surrogate recoveries in the associated batch QC met recovery criteria.
S3	Internal Standard did not meet recovery limits. Analyte concentration is estimated.
T	Sample was extracted/analyzed past the holding time.
T1	Reanalysis was reported past hold time due to failing replicates in the original analysis (BOD only).
T2	Sample was analyzed ASAP but received and analyzed past the 15 minute holding time.
T3	Sample received and analyzed out of hold time per client's request.
T4	Sample was analyzed out of hold time per client's request.
T5	Reanalysis was reported past hold time. The original analysis was within hold time, but not reportable.
T6	Hold time is indeterminable due to unspecified sampling time.
T7	Sample was analyzed past hold time due to insufficient time remaining at time of receipt.

Definitions

DF	Dilution Factor
MDL	Method Detection Limit. Result is reported ND when it is less than or equal to MDL.
ND	Analyte was not detected or was less than the detection limit.
NR	Not Reported. See Report Comments.
RDL	Reporting Detection Limit
TIC	Tentatively Identified Compounds

ENTHALPY ANALYTICAL, INC.
931 W. Barkley Ave., Orange, CA 92868
Phone: (714) 771-6900 Fax: (714) 538-1209
Billing: Enthalpy - SoCal
c/o Montrose Environmental Group
1 Park Plaza, Suite 1000, Irvine, CA 92614

ENTHALPY analytical, inc.

Chain of Custody Record

Lab No: 405734
Page: 1 of 3

Turn Around Time (Rush by advanced notice only)

Standard:	X	4 Day:		3 Day:	
2 Day:		1 Day:		Same Day:	

Matrix: A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Rincon Consultants	Name:	Malibu - Annual
Report To:	Kiernan Brtalik	Number:	
Email:	KBrtalik@RinconConsultants.com	P.O. #:	
Address:	180 N. Ashwood Ave.	Address:	
	Ventura, CA 93003		
Phone:	805-644-4455	Global ID:	
Cell:		Sampled By:	PD, MC, SW

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Total /Fecal Coliforms - SM 9223 Quantitray	EPA 200.7 (B), 200.8 (see list), 245.1 (Hg)	EPA 300.0: Cl,Fl,NO2,NO3,SO4; EPA 314.0	SM 4500-CN E; TKN; NH3; Phosphorus	SM 5310C TOC; BOD; TSS; TDS	pH; Residual Cl; MBAS; Turbidity; Color; Odor	SM 2330B Corrosivity; EPA 218.6 Cr VI	EPA 1664A Oil & Grease; EPA 1625M NDMA	EPA 1613 TCDD only; EPA 608 LL; EPA 625 LL	EPA 524.2 VOCs; EPA 624 VOCs	Test Instructions / Comments
~~LAMW-5S~~ PD						X	X	X	X	X	X	X	X	X	X	PD
~~SMBRP-9~~ PD						X	X	X	X	X	X	X	X	X	X	PD
SMBRP-11	8/21/18	1130	W	47	VARIOUS	X	X	X	X	X	X	X	X	X	X	
~~SMBRP-12~~ PD						X	X	X	X	X	X	X	X	X	X	PD
MCWP-MW04S	8/21/18	1200	W	47	VARIOUS	X	X	X	X	X	X	X	X	X	X	
~~MCWP-MW04D~~ PD						X	X	X	X	X	X	X	X	X	X	PD
MCWP-MW07S	8/21/18	0925	W	47	VARIOS	X	X	X	X	X	X	X	X	X	X	
MCWP-MW07D	8/21/18	1100	W	47	VARIOS	X	X	X	X	X	X	X	X	X	X	
~~MCWP-MW09~~ PD						X	X	X	X	X	X	X	X	X	X	PD

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		PETER DORAN	Rincon	8/21/18 / 1345
[1] Received By:		Kevin Guy	Enthalpy	8/21/18 1347
[2] Relinquished By:		Kel	Enthalpy	8/21/18 1555
[2] Received By:		Valerie Herman	EA	08/21/18 1555
[3] Relinquished By:				

ENTHALPHY ANALYTICAL, INC.	Chain of Custody Record				Turn Around Time (Rush by advanced notice only)					
931 W. Barkley Ave., Orange, CA 92868	Lab No:	405734			Standard:	X	4 Day:		3 Day:	
Phone: (714) 771-6900 Fax: (714) 538-1209	Page:	2	of	3	2 Day:		1 Day:		Same Day:	
Billing: Enthalpy - SoCal	Matrix: A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other				Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other					
c/o Montrose Environmental Group										
1 Park Plaza, Suite 1000, Irvine, CA 92614										

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Rincon Consultants	Name:	Malibu - Annual
Report To:	Kiernan Brtalik	Number:	
Email:		P.O. #:	
Address:	180 N. Ashwood Ave.	Address:	
	Ventura, CA 93003		
Phone:		Global ID:	
Cell:		Sampled By:	PD/SW/MC

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	EPA 100.2 Asbestos;EPA 908.0 Uranium	EPA 900.0 Gross Alpha & Beta	EPA 903.0 Radium 226, Radium 228	EPA 905.0 Strontium-90; EPA 906.0 Tritium	EPA 504.1 EDB, DBCP; EPA 525.2 (see list)	EPA 515.3 Chlorinated Herbicides	EPA 300.1B Bromate, Chlorite	EPA 531.1 Carbofuran, Oxamyl	EPA 548.1 Endothall; EPA 549.2 Diquat	EPA 547 Glyphosate; EPA 552.2 HAAs	Test Instructions / Comments
~~LAMW-5S~~ PD						X	X	X	X	X	X	X	X	X	X	
~~SMBRP-9~~ PD						X	X	X	X	X	X	X	X	X	X	
SMBRP-11	SEE PAGE ONE					X	X	X	X	X	X	X	X	X	X	
~~SMBRP-12~~ PD						X	X	X	X	X	X	X	X	X	X	
MCWP-MW04S						X	X	X	X	X	X	X	X	X	X	
~~MCWP-MW04D~~ PD						X	X	X	X	X	X	X	X	X	X	
MCWP-MW07S						X	X	X	X	X	X	X	X	X	X	
MCWP-MW07D						X	X	X	X	X	X	X	X	X	X	
~~MCWP-MW09~~ PD						X	X	X	X	X	X	X	X	X	X	

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		PETER DOAN	Rincon	8.21.18 / 1345
[1] Received By:			Enthalpy	8/21/18 1347
[2] Relinquished By:			Enthalpy	8/21/18 1555
[2] Received By:			EPA	08/21/18 1555
[3] Relinquished By:				

ENTHALPHY ANALYTICAL, INC.	Chain of Custody Record				Turn Around Time (Rush by advanced notice only)					
931 W. Barkley Ave., Orange, CA 92868	Lab No: 405734				Standard:	X	4 Day:		3 Day:	
Phone: (714) 771-6900 Fax: (714) 538-1209	Page: 3	of	3		2 Day:		1 Day:		Same Day:	
Billing: Enthalpy - SoCal	**Matrix:** A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other				**Preservatives:** 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other					
c/o Montrose Environmental Group										
1 Park Plaza, Suite 1000, Irvine, CA 92614										

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Rincon Consultants	Name:	Malibu - Annual
Report To:	Kiernan Brtalik	Number:	
Email:		P.O. #:	
Address:	180 N. Ashwood Ave.	Address:	
	Ventura, CA 93003		
Phone:		Global ID:	
Cell:		Sampled By:	X PD / JW / MC

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	EPA 1694M-ESI+/ESI-/APCI (see list)	EPA 608 Pest/PCBs	Test Instructions / Comments
~~LAMW-5S~~ PD						~~X~~	~~X~~	
~~SMBRP-9~~ PD						~~X~~	~~X~~	
SMBRP-11	SEE PAGE ONE					X	X	
~~SMBRP-12~~ PD						~~X~~	~~X~~	
MCWP-MW04S						X	X	
~~MCWP-MW04D~~ PD						~~X~~	~~X~~	
MCWP-MW07S						X	X	
MCWP-MW07D						X	X	
~~MCWP-MW09~~ PD						~~X~~	~~X~~	

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		PETER DURAN	Rincon	8.21.18 / 1345
[1] Received By:			Enthalpy	8/21/18 1347
[2] Relinquished By:			Enthalpy	8/21/18 1555
[2] Received By:		Marcatherman	EA	08/21/18 1555
[3] Relinquished By:				

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Rincon Project: Malibu - Annual

Date Received: 8/21/18 Sampler's Name Present: [X] Yes [ ] No

Section 2

Sample(s) received in a cooler? [✓] Yes, How many? 1 [ ] No (skip section 2) Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 3.2 #2: _____ #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: _____

Section 3

Was the cooler packed with: [✓] Ice [ ] Ice Packs [ ] Bubble Wrap [ ] Styrofoam [ ] Paper [ ] None [ ] Other _____

Cooler Temp (°C): #1: 1.4 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?	✓		
Are custody seals present?		✓	
If custody seals are present, were they intact?			✓
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)		✓	
Did all samples arrive intact? If no, indicate in Section 4 below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were the samples collected in the correct containers for the required tests?	✓		
Are the containers labeled with the correct preservatives?	✓		
Is there headspace in the VOA vials greater than 5-6 mm in diameter?	✓		
Was a sufficient amount of sample submitted for the requested tests?	✓		

Section 5 Explanations/Comments

Headspace in -003 (3/6) and -001 (3/6)

Section 6

For discrepancies, how was the Project Manager notified? [ ] Verbal PM Initials: _____ Date/Time _____

[✓] Email (email sent to/on): RC / 08/21/18 @ 1707

Project Manager's response: 1710

Completed By: _____ Date: 08/21/18

WECK LABORATORIES, INC.

Certificate of Analysis

PRELIMINARY REPORT

Work Orders: 8H22101

Project: 405734

Attn: Albert Vargas

Client: Enthalpy Analytical - Orange
931 West Barkley Avenue
Orange, CA 92868

Report Date: 9/17/2018
Received Date: 8/22/2018
Turnaround Time: Normal
Phones: (714) 771-6900
Fax: (714) 771-9933
P.O. #: 1024408
Billing Code:

Dear Albert Vargas,

Enclosed are the results of analyses for samples received 8/22/18 with the Chain-of-Custody document. The samples were received in good condition, at 5.5 °C and on ice. All analyses met the method criteria except as noted in the case narrative or in the report with data qualifiers.

Sample Results

Sample: SMBRP-11(405734-001)
8H22101-01 (Water)

Sampled: 08/21/18 11:30 by Client

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 1625M **Batch ID:** W8H1396 **Instr:** GCMS09		**Prepared:** 08/23/18 11:36			**Analyst:** mld	
N-Nitrosodimethylamine	**5.7**	2.0	ng/l	1	08/28/18 10:52	
Method: EPA 300.1 **Batch ID:** W8H1526 **Instr:** LC08_Chan		**Prepared:** 08/27/18 09:05			**Analyst:** dil	
Bromate	ND	25	ug/l	5	08/27/18 18:32	M-05
Chlorite	ND	50	ug/l	5	08/27/18 18:32	M-05
Surrogate(s)						
Dichloroacetate	*105%*	*90-115*	*Conc: 525*		*08/27/18 18:32*	
Method: EPA 504.1 **Batch ID:** W8H1645 **Instr:** GC03		**Prepared:** 08/28/18 15:44			**Analyst:** joh	
1,2-Dibromo-3-chloropropane	ND	0.010	ug/l	1	08/28/18 20:13	
1,2-Dibromoethane (EDB)	ND	0.020	ug/l	1	08/28/18 20:13	
Method: EPA 508 **Batch ID:** W8H1360 **Instr:** GC07		**Prepared:** 08/23/18 08:11			**Analyst:** rmr	
4,4´-DDD	ND	0.010	ug/l	1	08/30/18 23:21	
4,4´-DDE	ND	0.010	ug/l	1	08/30/18 23:21	
4,4´-DDT	ND	0.010	ug/l	1	08/30/18 23:21	
Aldrin	ND	0.010	ug/l	1	08/30/18 23:21	
alpha-BHC	ND	0.020	ug/l	2	09/04/18 19:26	M-04
Aroclor 1016	ND	1.0	ug/l	2	09/04/18 19:26	M-04, R-01
Aroclor 1221	ND	1.0	ug/l	2	09/04/18 19:26	M-04, R-01
Aroclor 1232	ND	1.0	ug/l	2	09/04/18 19:26	M-04, R-01
Aroclor 1242	ND	1.0	ug/l	2	09/04/18 19:26	M-04, R-01

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Sample Results

(Continued)

Sample: SMBRP-11(405734-001) Sampled: 08/21/18 11:30 by Client

8H22101-01 (Water) (Continued)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 508 (Continued) **Batch ID:** W8H1360 **Instr:** GC07		**Prepared:** 08/23/18 08:11			**Analyst:** rmr	
Aroclor 1248	ND	1.0	ug/l	2	09/04/18 19:26	M-04, R-01
Aroclor 1254	ND	0.20	ug/l	2	09/04/18 19:26	M-04
Aroclor 1260	ND	0.20	ug/l	2	09/04/18 19:26	M-04
beta-BHC	ND	0.020	ug/l	2	09/04/18 19:26	M-04
Chlordane (tech)	ND	0.10	ug/l	1	08/30/18 23:21	
Chlorothalonil	ND	0.050	ug/l	1	08/30/18 23:21	
delta-BHC	ND	0.010	ug/l	1	08/30/18 23:21	
Dieldrin	ND	0.010	ug/l	1	08/30/18 23:21	
Endosulfan I	ND	0.010	ug/l	1	08/30/18 23:21	
Endosulfan II	ND	0.010	ug/l	1	08/30/18 23:21	
Endosulfan sulfate	ND	0.010	ug/l	1	08/30/18 23:21	
Endrin	ND	0.010	ug/l	1	08/30/18 23:21	
Endrin aldehyde	ND	0.010	ug/l	1	08/30/18 23:21	
gamma-BHC (Lindane)	ND	0.010	ug/l	1	08/30/18 23:21	
Heptachlor	ND	0.010	ug/l	1	08/30/18 23:21	
Heptachlor epoxide	ND	0.010	ug/l	1	08/30/18 23:21	
Hexachlorobenzene	ND	0.050	ug/l	1	08/30/18 23:21	
Hexachlorocyclopentadiene	ND	0.050	ug/l	1	08/30/18 23:21	
Methoxychlor	ND	0.010	ug/l	1	08/30/18 23:21	
PCBs, Total	ND	1.0	ug/l	2	09/04/18 19:26	M-04
Propachlor	ND	0.050	ug/l	1	08/30/18 23:21	
Toxaphene	ND	1.0	ug/l	2	09/04/18 19:26	M-04
Trifluralin	ND	0.010	ug/l	1	08/30/18 23:21	
Surrogate(s)						
Decachlorobiphenyl	*74%*	*70-130*	*Conc: 0.0737*		*08/30/18 23:21*	
Tetrachloro-meta-xylene	*77%*	*70-130*	*Conc: 0.0775*		*08/30/18 23:21*	
Method: EPA 515.3 **Batch ID:** W8H1439 **Instr:** GC08		**Prepared:** 08/24/18 07:57			**Analyst:** rmr	
2,4,5-T	ND	0.20	ug/l	1	09/05/18 02:12	
2,4,5-TP (Silvex)	ND	0.20	ug/l	1	09/05/18 02:12	
2,4-D	ND	0.40	ug/l	1	09/05/18 02:12	
2,4-DB	ND	2.0	ug/l	1	09/05/18 02:12	
3,5-Dichlorobenzoic acid	ND	1.0	ug/l	1	09/05/18 02:12	
Acifluorfen	ND	0.40	ug/l	1	09/05/18 02:12	
Bentazon	ND	2.0	ug/l	1	09/05/18 02:12	
Dalapon	ND	0.40	ug/l	1	09/05/18 02:12	
DCPA	ND	0.10	ug/l	1	09/05/18 02:12	
Dicamba	ND	0.60	ug/l	1	09/05/18 02:12	
Dichloroprop	ND	0.30	ug/l	1	09/05/18 02:12	
Dinoseb	ND	0.40	ug/l	1	09/05/18 02:12	
Pentachlorophenol	ND	0.20	ug/l	1	09/05/18 02:12	

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Sample Results

(Continued)

Sample: SMBRP-11(405734-001) Sampled: 08/21/18 11:30 by Client

8H22101-01 (Water) (Continued)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 515.3 (Continued) **Batch ID:** W8H1439 **Instr:** GC08		**Prepared:** 08/24/18 07:57			**Analyst:** rmr	
Picloram	ND	0.60	ug/l	1	09/05/18 02:12	
Surrogate(s)						
2,4-DCAA	*82%*	*70-130*	*Conc: 8.15*		*09/05/18 02:12*	
Method: EPA 525.2 **Batch ID:** W8H1513 **Instr:** GCMS16		**Prepared:** 08/27/18 08:31			**Analyst:** etn	
Alachlor	ND	0.10	ug/l	1	09/06/18 09:47	
Atrazine	ND	0.10	ug/l	1	09/06/18 09:47	
Benzo (a) pyrene	ND	0.10	ug/l	1	09/06/18 09:47	
Bis(2-ethylhexyl)adipate	ND	2.0	ug/l	1	09/06/18 09:47	
Bis(2-ethylhexyl)phthalate	ND	2.0	ug/l	1	09/06/18 09:47	
Bromacil	ND	0.50	ug/l	1	09/06/18 09:47	
Butachlor	ND	0.10	ug/l	1	09/06/18 09:47	
Captan	ND	1.0	ug/l	1	09/06/18 09:47	
Chlorpropham	ND	0.10	ug/l	1	09/06/18 09:47	
Cyanazine	ND	0.10	ug/l	1	09/06/18 09:47	
Diazinon	ND	0.10	ug/l	1	09/06/18 09:47	
Dimethoate	ND	0.20	ug/l	1	09/06/18 09:47	
Diphenamid	ND	0.10	ug/l	1	09/06/18 09:47	
Disulfoton	ND	0.10	ug/l	1	09/06/18 09:47	
EPTC	ND	0.10	ug/l	1	09/06/18 09:47	
Metolachlor	ND	0.10	ug/l	1	09/06/18 09:47	
Metribuzin	ND	0.10	ug/l	1	09/06/18 09:47	
Molinate	ND	0.10	ug/l	1	09/06/18 09:47	
Prometon	ND	0.10	ug/l	1	09/06/18 09:47	
Prometryn	ND	0.10	ug/l	1	09/06/18 09:47	
Simazine	ND	0.10	ug/l	1	09/06/18 09:47	
Terbacil	ND	2.0	ug/l	1	09/06/18 09:47	
Thiobencarb	ND	0.10	ug/l	1	09/06/18 09:47	
Trithion	ND	0.10	ug/l	1	09/06/18 09:47	
Surrogate(s)						
1,3-Dimethyl-2-nitrobenzene	*116%*	*70-130*	*Conc: 5.81*		*09/06/18 09:47*	
Perylene-d12	*14%*	*50-120*	*Conc: 0.681*		*09/06/18 09:47*	*S-GC*
Triphenyl phosphate	*116%*	*70-130*	*Conc: 5.78*		*09/06/18 09:47*	
Method: EPA 531.1 **Batch ID:** W8H1676 **Instr:** LC10		**Prepared:** 08/28/18 14:39			**Analyst:** blg	
3-Hydroxycarbofuran	ND	2.0	ug/l	1	08/29/18 05:11	
Aldicarb	ND	2.0	ug/l	1	08/29/18 05:11	
Aldicarb sulfone	ND	2.0	ug/l	1	08/29/18 05:11	
Aldicarb sulfoxide	ND	2.0	ug/l	1	08/29/18 05:11	
Carbaryl	ND	2.0	ug/l	1	08/29/18 05:11	
Carbofuran	ND	2.0	ug/l	1	08/29/18 05:11	
Methiocarb	ND	2.0	ug/l	1	08/29/18 05:11	
Methomyl	ND	2.0	ug/l	1	08/29/18 05:11	

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Sample Results

(Continued)

Sample: SMBRP-11(405734-001) Sampled: 08/21/18 11:30 by Client

8H22101-01 (Water) (Continued)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 531.1 (Continued) **Batch ID:** W8H1676 **Instr:** LC10		**Prepared:** 08/28/18 14:39			**Analyst:** blg	
Oxamyl	ND	2.0	ug/l	1	08/29/18 05:11	
Propoxur (Baygon)	ND	2.0	ug/l	1	08/29/18 05:11	
Method: EPA 547 **Batch ID:** W8H1411 **Instr:** LC10		**Prepared:** 08/23/18 14:30			**Analyst:** blg	
Glyphosate	ND	50	ug/l	10	08/24/18 15:36	M-05
Method: EPA 548.1 **Batch ID:** W8H1278 **Instr:** GCMS06		**Prepared:** 08/22/18 07:58			**Analyst:** etn	
Endothall	ND	40	ug/l	1	08/30/18 10:32	
Method: EPA 549.2 **Batch ID:** W8H1361 **Instr:** LC11		**Prepared:** 08/23/18 08:12			**Analyst:** blg	
Diquat	ND	2.0	ug/l	1	09/06/18 17:05	
Method: EPA 552.2 **Batch ID:** W8H1508 **Instr:** GC05		**Prepared:** 08/27/18 07:53			**Analyst:** cam	
Dibromoacetic acid (dbaa)	ND	1.0	ug/l	1	08/28/18 06:44	
Dichloroacetic acid (dcaa)	ND	1.0	ug/l	1	08/28/18 06:44	
HAA5, Total	ND	1.0	ug/l	1	08/28/18 06:44	
Monobromoacetic acid (mbaa)	ND	1.0	ug/l	1	08/28/18 06:44	
Monochloroacetic acid (mcaa)	ND	2.0	ug/l	1	08/28/18 06:44	
Trichloroacetic acid (tcaa)	ND	1.0	ug/l	1	08/28/18 06:44	
Surrogate(s)						
2,3-Dibromopropionic acid	*118%*	*70-130*	*Conc: 11.8*		*08/28/18 06:44*	
Method: EPA 625 **Batch ID:** W8H1365 **Instr:** GCMS06		**Prepared:** 08/23/18 08:18			**Analyst:** etn	
1,2,4-Trichlorobenzene	ND	1.0	ug/l	1	09/12/18 04:11	
1,2-Dichlorobenzene	ND	1.0	ug/l	1	09/12/18 04:11	
1,2-Diphenylhydrazine/Azobenzene	ND	1.0	ug/l	1	09/12/18 04:11	
1,3-Dichlorobenzene	ND	1.0	ug/l	1	09/12/18 04:11	
1,4-Dichlorobenzene	ND	1.0	ug/l	1	09/12/18 04:11	
2,4,6-Trichlorophenol	ND	1.0	ug/l	1	09/12/18 04:11	
2,4-Dichlorophenol	ND	1.0	ug/l	1	09/12/18 04:11	
2,4-Dimethylphenol	ND	1.0	ug/l	1	09/12/18 04:11	
2,4-Dinitrophenol	ND	5.0	ug/l	1	09/12/18 04:11	
2,4-Dinitrotoluene	ND	1.0	ug/l	1	09/12/18 04:11	
2,6-Dinitrotoluene	ND	1.0	ug/l	1	09/12/18 04:11	
2-Chloronaphthalene	ND	1.0	ug/l	1	09/12/18 04:11	
2-Chlorophenol	ND	1.0	ug/l	1	09/12/18 04:11	
2-Methyl-4,6-dinitrophenol	ND	1.0	ug/l	1	09/12/18 04:11	
2-Nitrophenol	ND	1.0	ug/l	1	09/12/18 04:11	
3,3'-Dichlorobenzidine	ND	1.0	ug/l	1	09/12/18 04:11	
4-Bromophenyl phenyl ether	ND	1.0	ug/l	1	09/12/18 04:11	
4-Chloro-3-methylphenol	ND	1.0	ug/l	1	09/12/18 04:11	
4-Chlorophenyl phenyl ether	ND	1.0	ug/l	1	09/12/18 04:11	
4-Nitrophenol	ND	2.0	ug/l	1	09/12/18 04:11	
Acenaphthene	ND	1.0	ug/l	1	09/12/18 04:11	
Acenaphthylene	ND	1.0	ug/l	1	09/12/18 04:11	
Anthracene	ND	1.0	ug/l	1	09/12/18 04:11	

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Sample Results

(Continued)

Sample: SMBRP-11(405734-001) Sampled: 08/21/18 11:30 by Client

8H22101-01 (Water) (Continued)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 625 (Continued) **Batch ID:** W8H1365 **Instr:** GCMS06 **Prepared:** 08/23/18 08:18 **Analyst:** etn						
Benzidine	ND	10	ug/l	1	09/12/18 04:11	
Benzo (a) anthracene	ND	1.0	ug/l	1	09/12/18 04:11	
Benzo (a) pyrene	ND	1.0	ug/l	1	09/12/18 04:11	
Benzo (b) fluoranthene	ND	1.0	ug/l	1	09/12/18 04:11	
Benzo (g,h,i) perylene	ND	1.0	ug/l	1	09/12/18 04:11	
Benzo (k) fluoranthene	ND	1.0	ug/l	1	09/12/18 04:11	
Bis(2-chloroethoxy)methane	ND	1.0	ug/l	1	09/12/18 04:11	
Bis(2-chloroethyl)ether	ND	1.0	ug/l	1	09/12/18 04:11	
Bis(2-chloroisopropyl)ether	ND	1.0	ug/l	1	09/12/18 04:11	
Bis(2-ethylhexyl)phthalate	ND	2.0	ug/l	1	09/12/18 04:11	
Butyl benzyl phthalate	ND	1.0	ug/l	1	09/12/18 04:11	
Chrysene	ND	1.0	ug/l	1	09/12/18 04:11	
Dibenzo (a,h) anthracene	ND	1.0	ug/l	1	09/12/18 04:11	
Diethyl phthalate	ND	1.0	ug/l	1	09/12/18 04:11	
Dimethyl phthalate	ND	1.0	ug/l	1	09/12/18 04:11	
Di-n-butyl phthalate	ND	1.0	ug/l	1	09/12/18 04:11	
Di-n-octyl phthalate	ND	1.0	ug/l	1	09/12/18 04:11	
Fluoranthene	ND	1.0	ug/l	1	09/12/18 04:11	
Fluorene	ND	1.0	ug/l	1	09/12/18 04:11	
Hexachlorobenzene	ND	1.0	ug/l	1	09/12/18 04:11	
Hexachlorobutadiene	ND	1.0	ug/l	1	09/12/18 04:11	
Hexachlorocyclopentadiene	ND	5.0	ug/l	1	09/12/18 04:11	
Hexachloroethane	ND	1.0	ug/l	1	09/12/18 04:11	
Indeno (1,2,3-cd) pyrene	ND	1.0	ug/l	1	09/12/18 04:11	
Isophorone	ND	1.0	ug/l	1	09/12/18 04:11	
Naphthalene	ND	1.0	ug/l	1	09/12/18 04:11	
Nitrobenzene	ND	1.0	ug/l	1	09/12/18 04:11	
N-Nitrosodimethylamine	ND	1.0	ug/l	1	09/12/18 04:11	
N-Nitrosodi-n-propylamine	ND	1.0	ug/l	1	09/12/18 04:11	
N-Nitrosodiphenylamine	ND	1.0	ug/l	1	09/12/18 04:11	
Pentachlorophenol	ND	1.0	ug/l	1	09/12/18 04:11	
Phenanthrene	ND	1.0	ug/l	1	09/12/18 04:11	
Phenol	ND	1.0	ug/l	1	09/12/18 04:11	
Pyrene	ND	1.0	ug/l	1	09/12/18 04:11	
Surrogate(s)						
2,4,6-Tribromophenol	*78%*	*25-102*	*Conc: 39.2*		*09/12/18 04:11*	
2-Fluorobiphenyl	*69%*	*22-107*	*Conc: 17.3*		*09/12/18 04:11*	
2-Fluorophenol	*45%*	*3-74*	*Conc: 22.4*		*09/12/18 04:11*	
Nitrobenzene-d5	*69%*	*27-111*	*Conc: 17.2*		*09/12/18 04:11*	
Phenol-d5	*29%*	*0.1-53*	*Conc: 14.7*		*09/12/18 04:11*	
Terphenyl-d14	*97%*	*28-113*	*Conc: 24.3*		*09/12/18 04:11*	

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Sample Results

(Continued)

Sample: MCWP-MW04S (405734-002) Sampled: 08/21/18 12:00 by Client

8H22101-02 (Water)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 1625M **Batch ID:** W8H1396 **Instr:** GCMS09 **Prepared:** 08/23/18 11:36 **Analyst:** mld						
N-Nitrosodimethylamine	ND	2.0	ng/l	1	08/28/18 11:20	
Method: EPA 300.1 **Batch ID:** W8H1526 **Instr:** LC08_Chan **Prepared:** 08/27/18 09:05 **Analyst:** dil						
Bromate	ND	25	ug/l	5	08/27/18 18:53	M-05
Chlorite	ND	50	ug/l	5	08/27/18 18:53	M-05
Surrogate(s)						
Dichloroacetate	*99%*	*90-115*	*Conc: 495*		*08/27/18 18:53*	
Method: EPA 504.1 **Batch ID:** W8H1645 **Instr:** GC03 **Prepared:** 08/28/18 15:44 **Analyst:** joh						
1,2-Dibromo-3-chloropropane	ND	0.010	ug/l	1	08/28/18 20:34	
1,2-Dibromoethane (EDB)	ND	0.020	ug/l	1	08/28/18 20:34	
Method: EPA 508 **Batch ID:** W8H1360 **Instr:** GC07 **Prepared:** 08/23/18 08:11 **Analyst:** rmr						
4,4´-DDD	ND	0.010	ug/l	1	08/30/18 23:52	
4,4´-DDE	ND	0.010	ug/l	1	08/30/18 23:52	
4,4´-DDT	ND	0.010	ug/l	1	08/30/18 23:52	
Aldrin	ND	0.010	ug/l	1	08/30/18 23:52	
alpha-BHC	ND	0.010	ug/l	1	08/30/18 23:52	
Aroclor 1016	ND	0.10	ug/l	1	08/30/18 23:52	
Aroclor 1221	ND	0.10	ug/l	1	08/30/18 23:52	
Aroclor 1232	ND	0.10	ug/l	1	08/30/18 23:52	
Aroclor 1242	ND	0.10	ug/l	1	08/30/18 23:52	
Aroclor 1248	ND	0.10	ug/l	1	08/30/18 23:52	
Aroclor 1254	ND	0.10	ug/l	1	08/30/18 23:52	
Aroclor 1260	ND	0.10	ug/l	1	08/30/18 23:52	
beta-BHC	ND	0.010	ug/l	1	08/30/18 23:52	
Chlordane (tech)	ND	0.10	ug/l	1	08/30/18 23:52	
Chlorothalonil	ND	0.050	ug/l	1	08/30/18 23:52	
delta-BHC	ND	0.010	ug/l	1	08/30/18 23:52	
Dieldrin	ND	0.010	ug/l	1	08/30/18 23:52	
Endosulfan I	ND	0.010	ug/l	1	08/30/18 23:52	
Endosulfan II	ND	0.010	ug/l	1	08/30/18 23:52	
Endosulfan sulfate	ND	0.010	ug/l	1	08/30/18 23:52	
Endrin	ND	0.010	ug/l	1	08/30/18 23:52	
Endrin aldehyde	ND	0.010	ug/l	1	08/30/18 23:52	
gamma-BHC (Lindane)	ND	0.010	ug/l	1	08/30/18 23:52	
Heptachlor	ND	0.010	ug/l	1	08/30/18 23:52	
Heptachlor epoxide	ND	0.010	ug/l	1	08/30/18 23:52	
Hexachlorobenzene	ND	0.050	ug/l	1	08/30/18 23:52	
Hexachlorocyclopentadiene	ND	0.050	ug/l	1	08/30/18 23:52	
Methoxychlor	ND	0.010	ug/l	1	08/30/18 23:52	
PCBs, Total	ND	0.50	ug/l	1	08/30/18 23:52	
Propachlor	ND	0.050	ug/l	1	08/30/18 23:52	
Toxaphene	ND	0.50	ug/l	1	08/30/18 23:52	

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Sample Results

(Continued)

Sample: MCWP-MW04S (405734-002) Sampled: 08/21/18 12:00 by Client

8H22101-02 (Water) (Continued)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 508 (Continued) **Batch ID:** W8H1360 **Instr:** GC07		**Prepared:** 08/23/18 08:11			**Analyst:** rmr	
Trifluralin	ND	0.010	ug/l	1	08/30/18 23:52	
Surrogate(s)						
Decachlorobiphenyl	*50%*	*70-130*	*Conc: 0.0500*		*08/30/18 23:52*	*S-GC*
Tetrachloro-meta-xylene	*71%*	*70-130*	*Conc: 0.0713*		*08/30/18 23:52*	
Method: EPA 515.3 **Batch ID:** W8H1439 **Instr:** GC08		**Prepared:** 08/24/18 07:57			**Analyst:** rmr	
2,4,5-T	ND	0.20	ug/l	1	09/05/18 02:49	
2,4,5-TP (Silvex)	ND	0.20	ug/l	1	09/05/18 02:49	
2,4-D	ND	0.40	ug/l	1	09/05/18 02:49	
2,4-DB	ND	2.0	ug/l	1	09/05/18 02:49	
3,5-Dichlorobenzoic acid	ND	1.0	ug/l	1	09/05/18 02:49	
Acifluorfen	ND	0.40	ug/l	1	09/05/18 02:49	
Bentazon	ND	2.0	ug/l	1	09/05/18 02:49	
Dalapon	ND	0.40	ug/l	1	09/05/18 02:49	
DCPA	ND	0.10	ug/l	1	09/05/18 02:49	
Dicamba	ND	0.60	ug/l	1	09/05/18 02:49	
Dichloroprop	ND	0.30	ug/l	1	09/05/18 02:49	
Dinoseb	ND	0.40	ug/l	1	09/05/18 02:49	
Pentachlorophenol	ND	0.20	ug/l	1	09/05/18 02:49	
Picloram	ND	0.60	ug/l	1	09/05/18 02:49	
Surrogate(s)						
2,4-DCAA	*75%*	*70-130*	*Conc: 7.53*		*09/05/18 02:49*	
Method: EPA 525.2 **Batch ID:** W8H1513 **Instr:** GCMS16		**Prepared:** 08/27/18 08:31			**Analyst:** etn	
Alachlor	ND	0.10	ug/l	1	09/05/18 21:13	
Atrazine	ND	0.10	ug/l	1	09/05/18 21:13	
Benzo (a) pyrene	ND	0.10	ug/l	1	09/05/18 21:13	
Bis(2-ethylhexyl)adipate	ND	2.0	ug/l	1	09/05/18 21:13	
Bis(2-ethylhexyl)phthalate	ND	2.0	ug/l	1	09/05/18 21:13	
Bromacil	ND	0.50	ug/l	1	09/05/18 21:13	
Butachlor	ND	0.10	ug/l	1	09/05/18 21:13	
Captan	ND	1.0	ug/l	1	09/05/18 21:13	
Chlorpropham	ND	0.10	ug/l	1	09/05/18 21:13	
Cyanazine	ND	0.10	ug/l	1	09/05/18 21:13	
Diazinon	ND	0.10	ug/l	1	09/05/18 21:13	
Dimethoate	ND	0.20	ug/l	1	09/05/18 21:13	
Diphenamid	ND	0.10	ug/l	1	09/05/18 21:13	
Disulfoton	ND	0.10	ug/l	1	09/05/18 21:13	
EPTC	ND	0.10	ug/l	1	09/05/18 21:13	
Metolachlor	ND	0.10	ug/l	1	09/05/18 21:13	
Metribuzin	ND	0.10	ug/l	1	09/05/18 21:13	
Molinate	ND	0.10	ug/l	1	09/05/18 21:13	
Prometon	ND	0.10	ug/l	1	09/05/18 21:13	

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Sample Results

(Continued)

Sample: MCWP-MW04S (405734-002) Sampled: 08/21/18 12:00 by Client

8H22101-02 (Water) (Continued)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 525.2 (Continued) **Batch ID:** W8H1513 **Instr:** GCMS16 **Prepared:** 08/27/18 08:31 **Analyst:** etn						
Prometryn	ND	0.10	ug/l	1	09/05/18 21:13	
Simazine	ND	0.10	ug/l	1	09/05/18 21:13	
Terbacil	ND	2.0	ug/l	1	09/05/18 21:13	
Thiobencarb	ND	0.10	ug/l	1	09/05/18 21:13	
Trithion	ND	0.10	ug/l	1	09/05/18 21:13	
Surrogate(s)						
1,3-Dimethyl-2-nitrobenzene	*106%*	*70-130*	*Conc: 5.29*		*09/05/18 21:13*	
Perylene-d12	*43%*	*50-120*	*Conc: 2.16*		*09/05/18 21:13*	*S-GC*
Triphenyl phosphate	*114%*	*70-130*	*Conc: 5.70*		*09/05/18 21:13*	
Method: EPA 531.1 **Batch ID:** W8H1676 **Instr:** LC10 **Prepared:** 08/28/18 14:39 **Analyst:** blg						
3-Hydroxycarbofuran	ND	2.0	ug/l	1	08/29/18 06:49	
Aldicarb	ND	2.0	ug/l	1	08/29/18 06:49	
Aldicarb sulfone	ND	2.0	ug/l	1	08/29/18 06:49	
Aldicarb sulfoxide	ND	2.0	ug/l	1	08/29/18 06:49	
Carbaryl	ND	2.0	ug/l	1	08/29/18 06:49	
Carbofuran	ND	2.0	ug/l	1	08/29/18 06:49	
Methiocarb	ND	2.0	ug/l	1	08/29/18 06:49	
Methomyl	ND	2.0	ug/l	1	08/29/18 06:49	
Oxamyl	ND	2.0	ug/l	1	08/29/18 06:49	
Propoxur (Baygon)	ND	2.0	ug/l	1	08/29/18 06:49	
Method: EPA 547 **Batch ID:** W8H1411 **Instr:** LC10 **Prepared:** 08/23/18 14:30 **Analyst:** blg						
Glyphosate	ND	5.0	ug/l	1	08/24/18 16:15	
Method: EPA 548.1 **Batch ID:** W8H1278 **Instr:** GCMS06 **Prepared:** 08/22/18 07:58 **Analyst:** etn						
Endothall	ND	40	ug/l	1	08/30/18 10:46	
Method: EPA 549.2 **Batch ID:** W8H1361 **Instr:** LC11 **Prepared:** 08/23/18 08:12 **Analyst:** blg						
Diquat	ND	2.0	ug/l	1	09/06/18 17:14	
Method: EPA 552.2 **Batch ID:** W8H1508 **Instr:** GC05 **Prepared:** 08/27/18 07:53 **Analyst:** cam						
Dibromoacetic acid (dbaa)	ND	1.0	ug/l	1	08/28/18 07:12	
Dichloroacetic acid (dcaa)	ND	1.0	ug/l	1	08/28/18 07:12	
HAA5, Total	ND	1.0	ug/l	1	08/28/18 07:12	
Monobromoacetic acid (mbaa)	ND	1.0	ug/l	1	08/28/18 07:12	
Monochloroacetic acid (mcaa)	ND	2.0	ug/l	1	08/28/18 07:12	
Trichloroacetic acid (tcaa)	ND	1.0	ug/l	1	08/28/18 07:12	
Surrogate(s)						
2,3-Dibromopropionic acid	*120%*	*70-130*	*Conc: 12.0*		*08/28/18 07:12*	
Method: EPA 625 **Batch ID:** W8H1365 **Instr:** GCMS06 **Prepared:** 08/23/18 08:18 **Analyst:** etn						
1,2,4-Trichlorobenzene	ND	1.0	ug/l	1	09/12/18 04:41	
1,2-Dichlorobenzene	ND	1.0	ug/l	1	09/12/18 04:41	
1,2-Diphenylhydrazine/Azobenzene	ND	1.0	ug/l	1	09/12/18 04:41	
1,3-Dichlorobenzene	ND	1.0	ug/l	1	09/12/18 04:41	
1,4-Dichlorobenzene	ND	1.0	ug/l	1	09/12/18 04:41	

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Sample Results

(Continued)

Sample: MCWP-MW04S (405734-002) Sampled: 08/21/18 12:00 by Client

8H22101-02 (Water) (Continued)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 625 (Continued) **Batch ID:** W8H1365 **Instr:** GCMS06 **Prepared:** 08/23/18 08:18 **Analyst:** etn						
2,4,6-Trichlorophenol	ND	1.0	ug/l	1	09/12/18 04:41	
2,4-Dichlorophenol	ND	1.0	ug/l	1	09/12/18 04:41	
2,4-Dimethylphenol	ND	1.0	ug/l	1	09/12/18 04:41	
2,4-Dinitrophenol	ND	5.0	ug/l	1	09/12/18 04:41	
2,4-Dinitrotoluene	ND	1.0	ug/l	1	09/12/18 04:41	
2,6-Dinitrotoluene	ND	1.0	ug/l	1	09/12/18 04:41	
2-Chloronaphthalene	ND	1.0	ug/l	1	09/12/18 04:41	
2-Chlorophenol	ND	1.0	ug/l	1	09/12/18 04:41	
2-Methyl-4,6-dinitrophenol	ND	1.0	ug/l	1	09/12/18 04:41	
2-Nitrophenol	ND	1.0	ug/l	1	09/12/18 04:41	
3,3'-Dichlorobenzidine	ND	1.0	ug/l	1	09/12/18 04:41	
4-Bromophenyl phenyl ether	ND	1.0	ug/l	1	09/12/18 04:41	
4-Chloro-3-methylphenol	ND	1.0	ug/l	1	09/12/18 04:41	
4-Chlorophenyl phenyl ether	ND	1.0	ug/l	1	09/12/18 04:41	
4-Nitrophenol	ND	2.0	ug/l	1	09/12/18 04:41	
Acenaphthene	ND	1.0	ug/l	1	09/12/18 04:41	
Acenaphthylene	ND	1.0	ug/l	1	09/12/18 04:41	
Anthracene	ND	1.0	ug/l	1	09/12/18 04:41	
Benzidine	ND	10	ug/l	1	09/12/18 04:41	
Benzo (a) anthracene	ND	1.0	ug/l	1	09/12/18 04:41	
Benzo (a) pyrene	ND	1.0	ug/l	1	09/12/18 04:41	
Benzo (b) fluoranthene	ND	1.0	ug/l	1	09/12/18 04:41	
Benzo (g,h,i) perylene	ND	1.0	ug/l	1	09/12/18 04:41	
Benzo (k) fluoranthene	ND	1.0	ug/l	1	09/12/18 04:41	
Bis(2-chloroethoxy)methane	ND	1.0	ug/l	1	09/12/18 04:41	
Bis(2-chloroethyl)ether	ND	1.0	ug/l	1	09/12/18 04:41	
Bis(2-chloroisopropyl)ether	ND	1.0	ug/l	1	09/12/18 04:41	
Bis(2-ethylhexyl)phthalate	ND	2.0	ug/l	1	09/12/18 04:41	
Butyl benzyl phthalate	ND	1.0	ug/l	1	09/12/18 04:41	
Chrysene	ND	1.0	ug/l	1	09/12/18 04:41	
Dibenzo (a,h) anthracene	ND	1.0	ug/l	1	09/12/18 04:41	
Diethyl phthalate	ND	1.0	ug/l	1	09/12/18 04:41	
Dimethyl phthalate	ND	1.0	ug/l	1	09/12/18 04:41	
Di-n-butyl phthalate	ND	1.0	ug/l	1	09/12/18 04:41	
Di-n-octyl phthalate	ND	1.0	ug/l	1	09/12/18 04:41	
Fluoranthene	ND	1.0	ug/l	1	09/12/18 04:41	
Fluorene	ND	1.0	ug/l	1	09/12/18 04:41	
Hexachlorobenzene	ND	1.0	ug/l	1	09/12/18 04:41	
Hexachlorobutadiene	ND	1.0	ug/l	1	09/12/18 04:41	
Hexachlorocyclopentadiene	ND	5.0	ug/l	1	09/12/18 04:41	

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Sample: MCWP-MW04S (405734-002)
8H22101-02 (Water)

Sampled: 08/21/18 12:00 by Client
(Continued)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 625 (Continued) **Batch ID:** W8H1365 **Instr:** GCMS06 **Prepared:** 08/23/18 08:18 **Analyst:** etn						
Hexachloroethane	ND	1.0	ug/l	1	09/12/18 04:41	
Indeno (1,2,3-cd) pyrene	ND	1.0	ug/l	1	09/12/18 04:41	
Isophorone	ND	1.0	ug/l	1	09/12/18 04:41	
Naphthalene	ND	1.0	ug/l	1	09/12/18 04:41	
Nitrobenzene	ND	1.0	ug/l	1	09/12/18 04:41	
N-Nitrosodimethylamine	ND	1.0	ug/l	1	09/12/18 04:41	
N-Nitrosodi-n-propylamine	ND	1.0	ug/l	1	09/12/18 04:41	
N-Nitrosodiphenylamine	ND	1.0	ug/l	1	09/12/18 04:41	
Pentachlorophenol	ND	1.0	ug/l	1	09/12/18 04:41	
Phenanthrene	ND	1.0	ug/l	1	09/12/18 04:41	
Phenol	ND	1.0	ug/l	1	09/12/18 04:41	
Pyrene	ND	1.0	ug/l	1	09/12/18 04:41	
Surrogate(s)						
2,4,6-Tribromophenol	*78%*	*25-102*	*Conc: 38.9*		*09/12/18 04:41*	
2-Fluorobiphenyl	*60%*	*22-107*	*Conc: 15.0*		*09/12/18 04:41*	
2-Fluorophenol	*39%*	*3-74*	*Conc: 19.3*		*09/12/18 04:41*	
Nitrobenzene-d5	*58%*	*27-111*	*Conc: 14.5*		*09/12/18 04:41*	
Phenol-d5	*25%*	*0.1-53*	*Conc: 12.3*		*09/12/18 04:41*	
Terphenyl-d14	*87%*	*28-113*	*Conc: 21.7*		*09/12/18 04:41*	

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(Continued)

Sample: MCWP-MW07S (405734-003) Sampled: 08/21/18 9:25 by Client

8H22101-03 (Water)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 1625M **Batch ID:** W8H1396 **Instr:** GCMS09 **Prepared:** 08/23/18 11:36 **Analyst:** mld						
N-Nitrosodimethylamine	**2.2**	2.0	ng/l	1	08/28/18 11:48	
Method: EPA 300.1 **Batch ID:** W8H1526 **Instr:** LC08_Chan **Prepared:** 08/27/18 09:05 **Analyst:** dil						
Bromate	ND	25	ug/l	5	08/27/18 19:14	M-05
Chlorite	ND	50	ug/l	5	08/27/18 19:14	M-05
Surrogate(s)						
Dichloroacetate	*104%*	*90-115*	*Conc: 518*		*08/27/18 19:14*	
Method: EPA 504.1 **Batch ID:** W8H1645 **Instr:** GC03 **Prepared:** 08/28/18 15:44 **Analyst:** joh						
1,2-Dibromo-3-chloropropane	ND	0.010	ug/l	1	08/28/18 20:56	
1,2-Dibromoethane (EDB)	ND	0.020	ug/l	1	08/28/18 20:56	
Method: EPA 508 **Batch ID:** W8H1360 **Instr:** GC07 **Prepared:** 08/23/18 08:11 **Analyst:** rmr						
4,4´-DDD	ND	0.010	ug/l	1	08/31/18 00:22	
4,4´-DDE	ND	0.010	ug/l	1	08/31/18 00:22	
4,4´-DDT	ND	0.010	ug/l	1	08/31/18 00:22	
Aldrin	ND	0.010	ug/l	1	08/31/18 00:22	
alpha-BHC	ND	0.010	ug/l	1	08/31/18 00:22	
Aroclor 1016	ND	0.10	ug/l	1	08/31/18 00:22	
Aroclor 1221	ND	0.10	ug/l	1	08/31/18 00:22	
Aroclor 1232	ND	0.10	ug/l	1	08/31/18 00:22	
Aroclor 1242	ND	0.10	ug/l	1	08/31/18 00:22	
Aroclor 1248	ND	0.10	ug/l	1	08/31/18 00:22	
Aroclor 1254	ND	0.10	ug/l	1	08/31/18 00:22	
Aroclor 1260	ND	0.10	ug/l	1	08/31/18 00:22	
beta-BHC	ND	0.010	ug/l	1	08/31/18 00:22	
Chlordane (tech)	ND	0.10	ug/l	1	08/31/18 00:22	
Chlorothalonil	ND	0.050	ug/l	1	08/31/18 00:22	
delta-BHC	ND	0.010	ug/l	1	08/31/18 00:22	
Dieldrin	ND	0.010	ug/l	1	08/31/18 00:22	
Endosulfan I	ND	0.010	ug/l	1	08/31/18 00:22	
Endosulfan II	ND	0.010	ug/l	1	08/31/18 00:22	
Endosulfan sulfate	ND	0.010	ug/l	1	08/31/18 00:22	
Endrin	ND	0.010	ug/l	1	08/31/18 00:22	
Endrin aldehyde	ND	0.010	ug/l	1	08/31/18 00:22	
gamma-BHC (Lindane)	ND	0.010	ug/l	1	08/31/18 00:22	
Heptachlor	ND	0.010	ug/l	1	08/31/18 00:22	
Heptachlor epoxide	ND	0.010	ug/l	1	08/31/18 00:22	
Hexachlorobenzene	ND	0.050	ug/l	1	08/31/18 00:22	
Hexachlorocyclopentadiene	ND	0.050	ug/l	1	08/31/18 00:22	
Methoxychlor	ND	0.010	ug/l	1	08/31/18 00:22	
PCBs, Total	ND	0.50	ug/l	1	08/31/18 00:22	
Propachlor	ND	0.050	ug/l	1	08/31/18 00:22	
Toxaphene	ND	0.50	ug/l	1	08/31/18 00:22	

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Sample Results

(Continued)

Sample: MCWP-MW07S (405734-003) Sampled: 08/21/18 9:25 by Client

8H22101-03 (Water) (Continued)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 508 (Continued) **Batch ID:** W8H1360 **Instr:** GC07		**Prepared:** 08/23/18 08:11			**Analyst:** rmr	
Trifluralin	ND	0.010	ug/l	1	08/31/18 00:22	
Surrogate(s)						
Decachlorobiphenyl	*51%*	*70-130*	*Conc: 0.0532*		*08/31/18 00:22*	*S-GC*
Tetrachloro-meta-xylene	*87%*	*70-130*	*Conc: 0.0917*		*08/31/18 00:22*	
Method: EPA 515.3 **Batch ID:** W8H1439 **Instr:** GC08		**Prepared:** 08/24/18 07:57			**Analyst:** rmr	
2,4,5-T	ND	0.20	ug/l	1	09/05/18 03:26	
2,4,5-TP (Silvex)	ND	0.20	ug/l	1	09/05/18 03:26	
2,4-D	ND	0.40	ug/l	1	09/05/18 03:26	
2,4-DB	ND	2.0	ug/l	1	09/05/18 03:26	
3,5-Dichlorobenzoic acid	ND	1.0	ug/l	1	09/05/18 03:26	
Acifluorfen	ND	0.40	ug/l	1	09/05/18 03:26	
Bentazon	ND	2.0	ug/l	1	09/05/18 03:26	
Dalapon	ND	0.40	ug/l	1	09/05/18 03:26	
DCPA	ND	0.10	ug/l	1	09/05/18 03:26	
Dicamba	ND	0.60	ug/l	1	09/05/18 03:26	
Dichloroprop	ND	0.30	ug/l	1	09/05/18 03:26	
Dinoseb	ND	0.40	ug/l	1	09/05/18 03:26	
Pentachlorophenol	ND	0.20	ug/l	1	09/05/18 03:26	
Picloram	ND	0.60	ug/l	1	09/05/18 03:26	
Surrogate(s)						
2,4-DCAA	*76%*	*70-130*	*Conc: 7.64*		*09/05/18 03:26*	
Method: EPA 525.2 **Batch ID:** W8H1513 **Instr:** GCMS16		**Prepared:** 08/27/18 08:31			**Analyst:** etn	
Alachlor	ND	0.10	ug/l	1	09/06/18 10:14	
Atrazine	ND	0.10	ug/l	1	09/06/18 10:14	
Benzo (a) pyrene	ND	0.10	ug/l	1	09/06/18 10:14	
Bis(2-ethylhexyl)adipate	ND	2.0	ug/l	1	09/06/18 10:14	
Bis(2-ethylhexyl)phthalate	ND	2.0	ug/l	1	09/06/18 10:14	
Bromacil	ND	0.50	ug/l	1	09/06/18 10:14	
Butachlor	ND	0.10	ug/l	1	09/06/18 10:14	
Captan	ND	1.0	ug/l	1	09/06/18 10:14	
Chlorpropham	ND	0.10	ug/l	1	09/06/18 10:14	
Cyanazine	ND	0.10	ug/l	1	09/06/18 10:14	
Diazinon	ND	0.10	ug/l	1	09/06/18 10:14	
Dimethoate	ND	0.20	ug/l	1	09/06/18 10:14	
Diphenamid	ND	0.10	ug/l	1	09/06/18 10:14	
Disulfoton	ND	0.10	ug/l	1	09/06/18 10:14	
EPTC	ND	0.10	ug/l	1	09/06/18 10:14	
Metolachlor	ND	0.10	ug/l	1	09/06/18 10:14	
Metribuzin	ND	0.10	ug/l	1	09/06/18 10:14	
Molinate	ND	0.10	ug/l	1	09/06/18 10:14	
Prometon	ND	0.10	ug/l	1	09/06/18 10:14	

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Sample Results

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Sample: MCWP-MW07S (405734-003) Sampled: 08/21/18 9:25 by Client

8H22101-03 (Water) (Continued)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 525.2 (Continued) **Batch ID:** W8H1513 **Instr:** GCMS16		**Prepared:** 08/27/18 08:31			**Analyst:** etn	
Prometryn	ND	0.10	ug/l	1	09/06/18 10:14	
Simazine	ND	0.10	ug/l	1	09/06/18 10:14	
Terbacil	ND	2.0	ug/l	1	09/06/18 10:14	
Thiobencarb	ND	0.10	ug/l	1	09/06/18 10:14	
Trithion	ND	0.10	ug/l	1	09/06/18 10:14	
Surrogate(s)						
1,3-Dimethyl-2-nitrobenzene	*124%*	*70-130*	*Conc: 6.19*		*09/06/18 10:14*	
Perylene-d12	*14%*	*50-120*	*Conc: 0.702*		*09/06/18 10:14*	*S-GC*
Triphenyl phosphate	*114%*	*70-130*	*Conc: 5.72*		*09/06/18 10:14*	
Method: EPA 531.1 **Batch ID:** W8H1676 **Instr:** LC10		**Prepared:** 08/28/18 14:39			**Analyst:** blg	
3-Hydroxycarbofuran	ND	2.0	ug/l	1	08/29/18 07:22	
Aldicarb	ND	2.0	ug/l	1	08/29/18 07:22	
Aldicarb sulfone	ND	2.0	ug/l	1	08/29/18 07:22	
Aldicarb sulfoxide	ND	2.0	ug/l	1	08/29/18 07:22	
Carbaryl	ND	2.0	ug/l	1	08/29/18 07:22	
Carbofuran	ND	2.0	ug/l	1	08/29/18 07:22	
Methiocarb	ND	2.0	ug/l	1	08/29/18 07:22	
Methomyl	ND	2.0	ug/l	1	08/29/18 07:22	
Oxamyl	ND	2.0	ug/l	1	08/29/18 07:22	
Propoxur (Baygon)	ND	2.0	ug/l	1	08/29/18 07:22	
Method: EPA 547 **Batch ID:** W8H1411 **Instr:** LC10		**Prepared:** 08/23/18 14:30			**Analyst:** blg	
Glyphosate	ND	5.0	ug/l	1	08/24/18 16:28	
Method: EPA 548.1 **Batch ID:** W8H1278 **Instr:** GCMS06		**Prepared:** 08/22/18 07:58			**Analyst:** etn	
Endothall	ND	40	ug/l	1	08/30/18 11:38	
Method: EPA 549.2 **Batch ID:** W8H1361 **Instr:** LC11		**Prepared:** 08/23/18 08:12			**Analyst:** blg	
Diquat	ND	2.0	ug/l	1	09/06/18 17:23	
Method: EPA 552.2 **Batch ID:** W8H1508 **Instr:** GC05		**Prepared:** 08/27/18 07:53			**Analyst:** cam	
Dibromoacetic acid (dbaa)	ND	1.0	ug/l	1	08/28/18 08:06	
Dichloroacetic acid (dcaa)	ND	1.0	ug/l	1	08/28/18 08:06	
HAA5, Total	ND	1.0	ug/l	1	08/28/18 08:06	
Monobromoacetic acid (mbaa)	ND	1.0	ug/l	1	08/28/18 08:06	
Monochloroacetic acid (mcaa)	ND	2.0	ug/l	1	08/28/18 08:06	
Trichloroacetic acid (tcaa)	ND	1.0	ug/l	1	08/28/18 08:06	
Surrogate(s)						
2,3-Dibromopropionic acid	*114%*	*70-130*	*Conc: 11.4*		*08/28/18 08:06*	
Method: EPA 625 **Batch ID:** W8H1365 **Instr:** GCMS06		**Prepared:** 08/23/18 08:18			**Analyst:** etn	
1,2,4-Trichlorobenzene	ND	1.0	ug/l	1	09/12/18 05:11	
1,2-Dichlorobenzene	ND	1.0	ug/l	1	09/12/18 05:11	
1,2-Diphenylhydrazine/Azobenzene	ND	1.0	ug/l	1	09/12/18 05:11	
1,3-Dichlorobenzene	ND	1.0	ug/l	1	09/12/18 05:11	
1,4-Dichlorobenzene	ND	1.0	ug/l	1	09/12/18 05:11	

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Sample Results

(Continued)

Sample: MCWP-MW07S (405734-003) Sampled: 08/21/18 9:25 by Client

8H22101-03 (Water) (Continued)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 625 (Continued) **Batch ID:** W8H1365 **Instr:** GCMS06 **Prepared:** 08/23/18 08:18 **Analyst:** etn						
2,4,6-Trichlorophenol	ND	1.0	ug/l	1	09/12/18 05:11	
2,4-Dichlorophenol	ND	1.0	ug/l	1	09/12/18 05:11	
2,4-Dimethylphenol	ND	1.0	ug/l	1	09/12/18 05:11	
2,4-Dinitrophenol	ND	5.0	ug/l	1	09/12/18 05:11	
2,4-Dinitrotoluene	ND	1.0	ug/l	1	09/12/18 05:11	
2,6-Dinitrotoluene	ND	1.0	ug/l	1	09/12/18 05:11	
2-Chloronaphthalene	ND	1.0	ug/l	1	09/12/18 05:11	
2-Chlorophenol	ND	1.0	ug/l	1	09/12/18 05:11	
2-Methyl-4,6-dinitrophenol	ND	1.0	ug/l	1	09/12/18 05:11	
2-Nitrophenol	ND	1.0	ug/l	1	09/12/18 05:11	
3,3'-Dichlorobenzidine	ND	1.0	ug/l	1	09/12/18 05:11	
4-Bromophenyl phenyl ether	ND	1.0	ug/l	1	09/12/18 05:11	
4-Chloro-3-methylphenol	ND	1.0	ug/l	1	09/12/18 05:11	
4-Chlorophenyl phenyl ether	ND	1.0	ug/l	1	09/12/18 05:11	
4-Nitrophenol	ND	2.0	ug/l	1	09/12/18 05:11	
Acenaphthene	ND	1.0	ug/l	1	09/12/18 05:11	
Acenaphthylene	ND	1.0	ug/l	1	09/12/18 05:11	
Anthracene	ND	1.0	ug/l	1	09/12/18 05:11	
Benzidine	ND	10	ug/l	1	09/12/18 05:11	
Benzo (a) anthracene	ND	1.0	ug/l	1	09/12/18 05:11	
Benzo (a) pyrene	ND	1.0	ug/l	1	09/12/18 05:11	
Benzo (b) fluoranthene	ND	1.0	ug/l	1	09/12/18 05:11	
Benzo (g,h,i) perylene	ND	1.0	ug/l	1	09/12/18 05:11	
Benzo (k) fluoranthene	ND	1.0	ug/l	1	09/12/18 05:11	
Bis(2-chloroethoxy)methane	ND	1.0	ug/l	1	09/12/18 05:11	
Bis(2-chloroethyl)ether	ND	1.0	ug/l	1	09/12/18 05:11	
Bis(2-chloroisopropyl)ether	ND	1.0	ug/l	1	09/12/18 05:11	
Butyl benzyl phthalate	ND	1.0	ug/l	1	09/12/18 05:11	
Chrysene	ND	1.0	ug/l	1	09/12/18 05:11	
Dibenzo (a,h) anthracene	ND	1.0	ug/l	1	09/12/18 05:11	
Diethyl phthalate	ND	1.0	ug/l	1	09/12/18 05:11	
Dimethyl phthalate	ND	1.0	ug/l	1	09/12/18 05:11	
Di-n-butyl phthalate	ND	1.0	ug/l	1	09/12/18 05:11	
Di-n-octyl phthalate	ND	1.0	ug/l	1	09/12/18 05:11	
Fluoranthene	ND	1.0	ug/l	1	09/12/18 05:11	
Fluorene	ND	1.0	ug/l	1	09/12/18 05:11	
Hexachlorobenzene	ND	1.0	ug/l	1	09/12/18 05:11	
Hexachlorobutadiene	ND	1.0	ug/l	1	09/12/18 05:11	
Hexachlorocyclopentadiene	ND	5.0	ug/l	1	09/12/18 05:11	
Hexachloroethane	ND	1.0	ug/l	1	09/12/18 05:11	

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Sample Results

(Continued)

Sample: MCWP-MW07S (405734-003)
8H22101-03 (Water)

Sampled: 08/21/18 9:25 by Client
(Continued)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 625 (Continued) **Batch ID:** W8H1365 **Instr:** GCMS06 **Prepared:** 08/23/18 08:18 **Analyst:** etn						
Indeno (1,2,3-cd) pyrene	ND	1.0	ug/l	1	09/12/18 05:11	
Isophorone	ND	1.0	ug/l	1	09/12/18 05:11	
Naphthalene	ND	1.0	ug/l	1	09/12/18 05:11	
Nitrobenzene	ND	1.0	ug/l	1	09/12/18 05:11	
N-Nitrosodimethylamine	ND	1.0	ug/l	1	09/12/18 05:11	
N-Nitrosodi-n-propylamine	ND	1.0	ug/l	1	09/12/18 05:11	
N-Nitrosodiphenylamine	ND	1.0	ug/l	1	09/12/18 05:11	
Pentachlorophenol	ND	1.0	ug/l	1	09/12/18 05:11	
Phenanthrene	ND	1.0	ug/l	1	09/12/18 05:11	
Phenol	ND	1.0	ug/l	1	09/12/18 05:11	
Pyrene	ND	1.0	ug/l	1	09/12/18 05:11	
Surrogate(s)						
2,4,6-Tribromophenol	*73%*	*25-102*	*Conc: 36.4*		*09/12/18 05:11*	
2-Fluorobiphenyl	*67%*	*22-107*	*Conc: 16.9*		*09/12/18 05:11*	
2-Fluorophenol	*44%*	*3-74*	*Conc: 21.9*		*09/12/18 05:11*	
Nitrobenzene-d5	*67%*	*27-111*	*Conc: 16.8*		*09/12/18 05:11*	
Phenol-d5	*28%*	*0.1-53*	*Conc: 14.1*		*09/12/18 05:11*	
Terphenyl-d14	*94%*	*28-113*	*Conc: 23.4*		*09/12/18 05:11*	

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Sample Results

(Continued)

Sample: MCWP-MW07D (405734-004) Sampled: 08/21/18 11:00 by Client

8H22101-04 (Water)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 1625M **Batch ID:** W8H1396 **Instr:** GCMS09 **Prepared:** 08/23/18 11:36 **Analyst:** mld						
N-Nitrosodimethylamine	ND	2.0	ng/l	1	08/28/18 12:16	
Method: EPA 300.1 **Batch ID:** W8H1526 **Instr:** LC08_Chan **Prepared:** 08/27/18 09:05 **Analyst:** dil						
Bromate	ND	25	ug/l	5	08/27/18 19:35	M-05
Chlorite	ND	50	ug/l	5	08/27/18 19:35	M-05
Surrogate(s)						
Dichloroacetate	*99%*	*90-115*	*Conc: 497*		*08/27/18 19:35*	
Method: EPA 504.1 **Batch ID:** W8H1645 **Instr:** GC03 **Prepared:** 08/28/18 15:44 **Analyst:** joh						
1,2-Dibromo-3-chloropropane	ND	0.010	ug/l	1	08/28/18 21:17	
1,2-Dibromoethane (EDB)	ND	0.020	ug/l	1	08/28/18 21:17	
Method: EPA 508 **Batch ID:** W8H1360 **Instr:** GC07 **Prepared:** 08/23/18 08:11 **Analyst:** rmr						
4,4´-DDD	ND	0.010	ug/l	1	08/31/18 00:53	
4,4´-DDE	ND	0.010	ug/l	1	08/31/18 00:53	
4,4´-DDT	ND	0.010	ug/l	1	08/31/18 00:53	
Aldrin	ND	0.010	ug/l	1	08/31/18 00:53	
alpha-BHC	ND	0.010	ug/l	1	08/31/18 00:53	
Aroclor 1016	ND	0.10	ug/l	1	08/31/18 00:53	
Aroclor 1221	ND	0.10	ug/l	1	08/31/18 00:53	
Aroclor 1232	ND	0.10	ug/l	1	08/31/18 00:53	
Aroclor 1242	ND	0.10	ug/l	1	08/31/18 00:53	
Aroclor 1248	ND	0.10	ug/l	1	08/31/18 00:53	
Aroclor 1254	ND	0.10	ug/l	1	08/31/18 00:53	
Aroclor 1260	ND	0.10	ug/l	1	08/31/18 00:53	
beta-BHC	ND	0.010	ug/l	1	08/31/18 00:53	
Chlordane (tech)	ND	0.10	ug/l	1	08/31/18 00:53	
Chlorothalonil	ND	0.050	ug/l	1	08/31/18 00:53	
delta-BHC	ND	0.010	ug/l	1	08/31/18 00:53	
Dieldrin	ND	0.010	ug/l	1	08/31/18 00:53	
Endosulfan I	ND	0.010	ug/l	1	08/31/18 00:53	
Endosulfan II	ND	0.010	ug/l	1	08/31/18 00:53	
Endosulfan sulfate	ND	0.010	ug/l	1	08/31/18 00:53	
Endrin	ND	0.010	ug/l	1	08/31/18 00:53	
Endrin aldehyde	ND	0.010	ug/l	1	08/31/18 00:53	
gamma-BHC (Lindane)	ND	0.010	ug/l	1	08/31/18 00:53	
Heptachlor	ND	0.010	ug/l	1	08/31/18 00:53	
Heptachlor epoxide	ND	0.010	ug/l	1	08/31/18 00:53	
Hexachlorobenzene	ND	0.050	ug/l	1	08/31/18 00:53	
Hexachlorocyclopentadiene	ND	0.050	ug/l	1	08/31/18 00:53	
Methoxychlor	ND	0.010	ug/l	1	08/31/18 00:53	
PCBs, Total	ND	0.50	ug/l	1	08/31/18 00:53	
Propachlor	ND	0.050	ug/l	1	08/31/18 00:53	
Toxaphene	ND	0.50	ug/l	1	08/31/18 00:53	

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Sample Results

(Continued)

Sample: MCWP-MW07D (405734-004) Sampled: 08/21/18 11:00 by Client

8H22101-04 (Water) (Continued)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 508 (Continued) **Batch ID:** W8H1360 **Instr:** GC07		**Prepared:** 08/23/18 08:11			**Analyst:** rmr	
Trifluralin	ND	0.010	ug/l	1	08/31/18 00:53	
Surrogate(s)						
Decachlorobiphenyl	*59%*	*70-130*	*Conc: 0.0586*		*08/31/18 00:53*	*S-GC*
Tetrachloro-meta-xylene	*95%*	*70-130*	*Conc: 0.0952*		*08/31/18 00:53*	
Method: EPA 515.3 **Batch ID:** W8H1439 **Instr:** GC08		**Prepared:** 08/24/18 07:57			**Analyst:** rmr	
2,4,5-T	ND	0.20	ug/l	1	09/05/18 04:02	
2,4,5-TP (Silvex)	ND	0.20	ug/l	1	09/05/18 04:02	
2,4-D	ND	0.40	ug/l	1	09/05/18 04:02	
2,4-DB	ND	2.0	ug/l	1	09/05/18 04:02	
3,5-Dichlorobenzoic acid	ND	1.0	ug/l	1	09/05/18 04:02	
Acifluorfen	ND	0.40	ug/l	1	09/05/18 04:02	
Bentazon	ND	2.0	ug/l	1	09/05/18 04:02	
Dalapon	ND	0.40	ug/l	1	09/05/18 04:02	
DCPA	ND	0.10	ug/l	1	09/05/18 04:02	
Dicamba	ND	0.60	ug/l	1	09/05/18 04:02	
Dichloroprop	ND	0.30	ug/l	1	09/05/18 04:02	
Dinoseb	ND	0.40	ug/l	1	09/05/18 04:02	
Pentachlorophenol	ND	0.20	ug/l	1	09/05/18 04:02	
Picloram	ND	0.60	ug/l	1	09/05/18 04:02	
Surrogate(s)						
2,4-DCAA	*82%*	*70-130*	*Conc: 8.20*		*09/05/18 04:02*	
Method: EPA 525.2 **Batch ID:** W8H1513 **Instr:** GCMS16		**Prepared:** 08/27/18 08:31			**Analyst:** etn	
Alachlor	ND	0.10	ug/l	1	09/05/18 22:07	
Atrazine	ND	0.10	ug/l	1	09/05/18 22:07	
Benzo (a) pyrene	ND	0.10	ug/l	1	09/05/18 22:07	
Bis(2-ethylhexyl)adipate	ND	2.0	ug/l	1	09/05/18 22:07	
Bis(2-ethylhexyl)phthalate	ND	2.0	ug/l	1	09/05/18 22:07	
Bromacil	ND	0.50	ug/l	1	09/05/18 22:07	
Butachlor	ND	0.10	ug/l	1	09/05/18 22:07	
Captan	ND	1.0	ug/l	1	09/05/18 22:07	
Chlorpropham	ND	0.10	ug/l	1	09/05/18 22:07	
Cyanazine	ND	0.10	ug/l	1	09/05/18 22:07	
Diazinon	ND	0.10	ug/l	1	09/05/18 22:07	
Dimethoate	ND	0.20	ug/l	1	09/05/18 22:07	
Diphenamid	ND	0.10	ug/l	1	09/05/18 22:07	
Disulfoton	ND	0.10	ug/l	1	09/05/18 22:07	
EPTC	ND	0.10	ug/l	1	09/05/18 22:07	
Metolachlor	ND	0.10	ug/l	1	09/05/18 22:07	
Metribuzin	ND	0.10	ug/l	1	09/05/18 22:07	
Molinate	ND	0.10	ug/l	1	09/05/18 22:07	
Prometon	ND	0.10	ug/l	1	09/05/18 22:07	

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Sample Results

(Continued)

Sample: MCWP-MW07D (405734-004) Sampled: 08/21/18 11:00 by Client

8H22101-04 (Water) (Continued)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 525.2 (Continued) **Batch ID:** W8H1513 **Instr:** GCMS16		**Prepared:** 08/27/18 08:31			**Analyst:** etn	
Prometryn	ND	0.10	ug/l	1	09/05/18 22:07	
Simazine	ND	0.10	ug/l	1	09/05/18 22:07	
Terbacil	ND	2.0	ug/l	1	09/05/18 22:07	
Thiobencarb	ND	0.10	ug/l	1	09/05/18 22:07	
Trithion	ND	0.10	ug/l	1	09/05/18 22:07	
Surrogate(s)						
1,3-Dimethyl-2-nitrobenzene	*102%*	*70-130*	*Conc: 5.11*		*09/05/18 22:07*	
Perylene-d12	*88%*	*50-120*	*Conc: 4.39*		*09/05/18 22:07*	
Triphenyl phosphate	*111%*	*70-130*	*Conc: 5.53*		*09/05/18 22:07*	
Method: EPA 531.1 **Batch ID:** W8H1676 **Instr:** LC10		**Prepared:** 08/28/18 14:39			**Analyst:** blg	
3-Hydroxycarbofuran	ND	2.0	ug/l	1	08/29/18 07:55	
Aldicarb	ND	2.0	ug/l	1	08/29/18 07:55	
Aldicarb sulfone	ND	2.0	ug/l	1	08/29/18 07:55	
Aldicarb sulfoxide	ND	2.0	ug/l	1	08/29/18 07:55	
Carbaryl	ND	2.0	ug/l	1	08/29/18 07:55	
Carbofuran	ND	2.0	ug/l	1	08/29/18 07:55	
Methiocarb	ND	2.0	ug/l	1	08/29/18 07:55	
Methomyl	ND	2.0	ug/l	1	08/29/18 07:55	
Oxamyl	ND	2.0	ug/l	1	08/29/18 07:55	
Propoxur (Baygon)	ND	2.0	ug/l	1	08/29/18 07:55	
Method: EPA 547 **Batch ID:** W8H1411 **Instr:** LC10		**Prepared:** 08/23/18 14:30			**Analyst:** blg	
Glyphosate	ND	5.0	ug/l	1	08/24/18 16:41	
Method: EPA 548.1 **Batch ID:** W8H1278 **Instr:** GCMS06		**Prepared:** 08/22/18 07:58			**Analyst:** etn	
Endothall	ND	40	ug/l	1	08/30/18 11:52	
Method: EPA 549.2 **Batch ID:** W8H1361 **Instr:** LC11		**Prepared:** 08/23/18 08:12			**Analyst:** blg	
Diquat	ND	2.0	ug/l	1	09/06/18 17:31	
Method: EPA 552.2 **Batch ID:** W8H1508 **Instr:** GC05		**Prepared:** 08/27/18 07:53			**Analyst:** cam	
Dibromoacetic acid (dbaa)	ND	1.0	ug/l	1	08/28/18 08:34	
Dichloroacetic acid (dcaa)	ND	1.0	ug/l	1	08/28/18 08:34	
HAA5, Total	ND	1.0	ug/l	1	08/28/18 08:34	
Monobromoacetic acid (mbaa)	ND	1.0	ug/l	1	08/28/18 08:34	
Monochloroacetic acid (mcaa)	ND	2.0	ug/l	1	08/28/18 08:34	
Trichloroacetic acid (tcaa)	ND	1.0	ug/l	1	08/28/18 08:34	
Surrogate(s)						
2,3-Dibromopropionic acid	*118%*	*70-130*	*Conc: 11.8*		*08/28/18 08:34*	
Method: EPA 625 **Batch ID:** W8H1365 **Instr:** GCMS06		**Prepared:** 08/23/18 08:18			**Analyst:** etn	
1,2,4-Trichlorobenzene	ND	1.0	ug/l	1	09/12/18 05:41	
1,2-Dichlorobenzene	ND	1.0	ug/l	1	09/12/18 05:41	
1,2-Diphenylhydrazine/Azobenzene	ND	1.0	ug/l	1	09/12/18 05:41	
1,3-Dichlorobenzene	ND	1.0	ug/l	1	09/12/18 05:41	
1,4-Dichlorobenzene	ND	1.0	ug/l	1	09/12/18 05:41	

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Sample Results

(Continued)

Sample: MCWP-MW07D (405734-004) Sampled: 08/21/18 11:00 by Client

8H22101-04 (Water) (Continued)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 625 (Continued) **Batch ID:** W8H1365 **Instr:** GCMS06 **Prepared:** 08/23/18 08:18 **Analyst:** etn						
2,4,6-Trichlorophenol	ND	1.0	ug/l	1	09/12/18 05:41	
2,4-Dichlorophenol	ND	1.0	ug/l	1	09/12/18 05:41	
2,4-Dimethylphenol	ND	1.0	ug/l	1	09/12/18 05:41	
2,4-Dinitrophenol	ND	5.0	ug/l	1	09/12/18 05:41	
2,4-Dinitrotoluene	ND	1.0	ug/l	1	09/12/18 05:41	
2,6-Dinitrotoluene	ND	1.0	ug/l	1	09/12/18 05:41	
2-Chloronaphthalene	ND	1.0	ug/l	1	09/12/18 05:41	
2-Chlorophenol	ND	1.0	ug/l	1	09/12/18 05:41	
2-Methyl-4,6-dinitrophenol	ND	1.0	ug/l	1	09/12/18 05:41	
2-Nitrophenol	ND	1.0	ug/l	1	09/12/18 05:41	
3,3'-Dichlorobenzidine	ND	1.0	ug/l	1	09/12/18 05:41	
4-Bromophenyl phenyl ether	ND	1.0	ug/l	1	09/12/18 05:41	
4-Chloro-3-methylphenol	ND	1.0	ug/l	1	09/12/18 05:41	
4-Chlorophenyl phenyl ether	ND	1.0	ug/l	1	09/12/18 05:41	
4-Nitrophenol	ND	2.0	ug/l	1	09/12/18 05:41	
Acenaphthene	ND	1.0	ug/l	1	09/12/18 05:41	
Acenaphthylene	ND	1.0	ug/l	1	09/12/18 05:41	
Anthracene	ND	1.0	ug/l	1	09/12/18 05:41	
Benzidine	ND	10	ug/l	1	09/12/18 05:41	
Benzo (a) anthracene	ND	1.0	ug/l	1	09/12/18 05:41	
Benzo (a) pyrene	ND	1.0	ug/l	1	09/12/18 05:41	
Benzo (b) fluoranthene	ND	1.0	ug/l	1	09/12/18 05:41	
Benzo (g,h,i) perylene	ND	1.0	ug/l	1	09/12/18 05:41	
Benzo (k) fluoranthene	ND	1.0	ug/l	1	09/12/18 05:41	
Bis(2-chloroethoxy)methane	ND	1.0	ug/l	1	09/12/18 05:41	
Bis(2-chloroethyl)ether	ND	1.0	ug/l	1	09/12/18 05:41	
Bis(2-chloroisopropyl)ether	ND	1.0	ug/l	1	09/12/18 05:41	
Bis(2-ethylhexyl)phthalate	ND	2.0	ug/l	1	09/12/18 05:41	
Butyl benzyl phthalate	ND	1.0	ug/l	1	09/12/18 05:41	
Chrysene	ND	1.0	ug/l	1	09/12/18 05:41	
Dibenzo (a,h) anthracene	ND	1.0	ug/l	1	09/12/18 05:41	
Diethyl phthalate	ND	1.0	ug/l	1	09/12/18 05:41	
Dimethyl phthalate	ND	1.0	ug/l	1	09/12/18 05:41	
Di-n-butyl phthalate	ND	1.0	ug/l	1	09/12/18 05:41	
Di-n-octyl phthalate	ND	1.0	ug/l	1	09/12/18 05:41	
Fluoranthene	ND	1.0	ug/l	1	09/12/18 05:41	
Fluorene	ND	1.0	ug/l	1	09/12/18 05:41	
Hexachlorobenzene	ND	1.0	ug/l	1	09/12/18 05:41	
Hexachlorobutadiene	ND	1.0	ug/l	1	09/12/18 05:41	
Hexachlorocyclopentadiene	ND	5.0	ug/l	1	09/12/18 05:41	

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Sample Results

(Continued)

Sample: MCWP-MW07D (405734-004) Sampled: 08/21/18 11:00 by Client

8H22101-04 (Water) (Continued)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 625 (Continued) **Batch ID:** W8H1365 **Instr:** GCMS06 **Prepared:** 08/23/18 08:18 **Analyst:** etn						
Hexachloroethane	ND	1.0	ug/l	1	09/12/18 05:41	
Indeno (1,2,3-cd) pyrene	ND	1.0	ug/l	1	09/12/18 05:41	
Isophorone	ND	1.0	ug/l	1	09/12/18 05:41	
Naphthalene	ND	1.0	ug/l	1	09/12/18 05:41	
Nitrobenzene	ND	1.0	ug/l	1	09/12/18 05:41	
N-Nitrosodimethylamine	ND	1.0	ug/l	1	09/12/18 05:41	
N-Nitrosodi-n-propylamine	ND	1.0	ug/l	1	09/12/18 05:41	
N-Nitrosodiphenylamine	ND	1.0	ug/l	1	09/12/18 05:41	
Pentachlorophenol	ND	1.0	ug/l	1	09/12/18 05:41	
Phenanthrene	ND	1.0	ug/l	1	09/12/18 05:41	
Phenol	ND	1.0	ug/l	1	09/12/18 05:41	
Pyrene	ND	1.0	ug/l	1	09/12/18 05:41	
Surrogate(s)						
2,4,6-Tribromophenol	*70%*	*25-102*	*Conc: 35.1*		*09/12/18 05:41*	
2-Fluorobiphenyl	*58%*	*22-107*	*Conc: 14.6*		*09/12/18 05:41*	
2-Fluorophenol	*39%*	*3-74*	*Conc: 19.6*		*09/12/18 05:41*	
Nitrobenzene-d5	*58%*	*27-111*	*Conc: 14.6*		*09/12/18 05:41*	
Phenol-d5	*25%*	*0.1-53*	*Conc: 12.6*		*09/12/18 05:41*	
Terphenyl-d14	*96%*	*28-113*	*Conc: 23.9*		*09/12/18 05:41*	

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Quality Control Results

Acid and Base/Neutral Extractables by GC/MS

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1365 - EPA 625/L-L SF										
Blank (W8H1365-BLK1)				**Prepared: 08/23/18**	**Analyzed: 09/12/18**					
1,2,4-Trichlorobenzene	ND	1.0	ug/l							
1,2-Dichlorobenzene	ND	1.0	ug/l							
1,2-Diphenylhydrazine/Azobenzene	ND	1.0	ug/l							
1,3-Dichlorobenzene	ND	1.0	ug/l							
1,4-Dichlorobenzene	ND	1.0	ug/l							
2,4,6-Trichlorophenol	ND	1.0	ug/l							
2,4-Dichlorophenol	ND	1.0	ug/l							
2,4-Dimethylphenol	ND	1.0	ug/l							
2,4-Dinitrophenol	ND	5.0	ug/l							
2,4-Dinitrotoluene	ND	1.0	ug/l							
2,6-Dinitrotoluene	ND	1.0	ug/l							
2-Chloronaphthalene	ND	1.0	ug/l							
2-Chlorophenol	ND	1.0	ug/l							
2-Methyl-4,6-dinitrophenol	ND	1.0	ug/l							
2-Nitrophenol	ND	1.0	ug/l							
3,3'-Dichlorobenzidine	ND	1.0	ug/l							
4-Bromophenyl phenyl ether	ND	1.0	ug/l							
4-Chloro-3-methylphenol	ND	1.0	ug/l							
4-Chlorophenyl phenyl ether	ND	1.0	ug/l							
4-Nitrophenol	ND	2.0	ug/l							
Acenaphthene	ND	1.0	ug/l							
Acenaphthylene	ND	1.0	ug/l							
Anthracene	ND	1.0	ug/l							
Benzidine	ND	10	ug/l							
Benzo (a) anthracene	ND	1.0	ug/l							
Benzo (a) pyrene	ND	1.0	ug/l							
Benzo (b) fluoranthene	ND	1.0	ug/l							
Benzo (g,h,i) perylene	ND	1.0	ug/l							
Benzo (k) fluoranthene	ND	1.0	ug/l							
Bis(2-chloroethoxy)methane	ND	1.0	ug/l							
Bis(2-chloroethyl)ether	ND	1.0	ug/l							
Bis(2-chloroisopropyl)ether	ND	1.0	ug/l							
Bis(2-ethylhexyl)phthalate	ND	2.0	ug/l							
Butyl benzyl phthalate	ND	1.0	ug/l							
Chrysene	ND	1.0	ug/l							
Dibenzo (a,h) anthracene	ND	1.0	ug/l							
Diethyl phthalate	ND	1.0	ug/l							
Dimethyl phthalate	ND	1.0	ug/l							
Di-n-butyl phthalate	ND	1.0	ug/l							
Di-n-octyl phthalate	ND	1.0	ug/l							
Fluoranthene	ND	1.0	ug/l							
Fluorene	ND	1.0	ug/l							

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Quality Control Results

(Continued)

Acid and Base/Neutral Extractables by GC/MS (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1365 - EPA 625/L-L SF (Continued)										
Blank (W8H1365-BLK1)				**Prepared: 08/23/18 Analyzed: 09/12/18**						
Hexachlorobenzene	ND	1.0	ug/l							
Hexachlorobutadiene	ND	1.0	ug/l							
Hexachlorocyclopentadiene	ND	5.0	ug/l							
Hexachloroethane	ND	1.0	ug/l							
Indeno (1,2,3-cd) pyrene	ND	1.0	ug/l							
Isophorone	ND	1.0	ug/l							
Naphthalene	ND	1.0	ug/l							
Nitrobenzene	ND	1.0	ug/l							
N-Nitrosodimethylamine	ND	1.0	ug/l							
N-Nitrosodi-n-propylamine	ND	1.0	ug/l							
N-Nitrosodiphenylamine	ND	1.0	ug/l							
Pentachlorophenol	ND	1.0	ug/l							
Phenanthrene	ND	1.0	ug/l							
Phenol	ND	1.0	ug/l							
Pyrene	ND	1.0	ug/l							
Surrogate(s)										
2,4,6-Tribromophenol	*26.1*		*ug/l*	*50.0*		*52*	*25-102*			
2-Fluorobiphenyl	*13.2*		*ug/l*	*25.0*		*53*	*22-107*			
2-Fluorophenol	*19.1*		*ug/l*	*50.0*		*38*	*3-74*			
Nitrobenzene-d5	*13.5*		*ug/l*	*25.0*		*54*	*27-111*			
Phenol-d5	*12.0*		*ug/l*	*50.0*		*24*	*0.1-53*			
Terphenyl-d14	*20.8*		*ug/l*	*25.0*		*83*	*28-113*			
LCS (W8H1365-BS1)				**Prepared: 08/23/18 Analyzed: 09/12/18**						
1,2,4-Trichlorobenzene	14.4	1.0	ug/l	25.0		58	44-142			
1,2-Dichlorobenzene	14.2	1.0	ug/l	25.0		57	32-129			
1,3-Dichlorobenzene	13.7	1.0	ug/l	25.0		55	0.1-172			
1,4-Dichlorobenzene	13.9	1.0	ug/l	25.0		56	20-124			
2,4,6-Trichlorophenol	16.1	1.0	ug/l	25.0		64	37-144			
2,4-Dichlorophenol	16.1	1.0	ug/l	25.0		64	39-135			
2,4-Dimethylphenol	12.2	1.0	ug/l	25.0		49	32-119			
2,4-Dinitrophenol	28.5	5.0	ug/l	25.0		114	0.1-191			
2,4-Dinitrotoluene	20.7	1.0	ug/l	25.0		83	39-139			
2,6-Dinitrotoluene	16.7	1.0	ug/l	25.0		67	50-158			
2-Chloronaphthalene	15.4	1.0	ug/l	25.0		62	60-118			
2-Chlorophenol	14.3	1.0	ug/l	25.0		57	23-134			
2-Methyl-4,6-dinitrophenol	26.4	1.0	ug/l	25.0		106	0.1-181			
2-Nitrophenol	16.5	1.0	ug/l	25.0		66	29-182			
3,3'-Dichlorobenzidine	16.7	1.0	ug/l	25.0		67	0.1-262			
4-Bromophenyl phenyl ether	18.7	1.0	ug/l	25.0		75	53-127			
4-Chloro-3-methylphenol	15.4	1.0	ug/l	25.0		62	22-147			
4-Chlorophenyl phenyl ether	16.1	1.0	ug/l	25.0		65	25-158			
4-Nitrophenol	10.3	2.0	ug/l	25.0		41	0.1-132			
Acenaphthene	15.6	1.0	ug/l	25.0		62	47-145			

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Quality Control Results

(Continued)

Acid and Base/Neutral Extractables by GC/MS (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1365 - EPA 625/L-L SF (Continued)										
LCS (W8H1365-BS1)				**Prepared: 08/23/18**	**Analyzed: 09/12/18**					
Acenaphthylene	16.7	1.0	ug/l	25.0		67	33-145			
Anthracene	19.8	1.0	ug/l	25.0		79	27-133			
Benzo (a) anthracene	25.1	1.0	ug/l	25.0		100	33-143			
Benzo (a) pyrene	23.1	1.0	ug/l	25.0		92	17-163			
Benzo (b) fluoranthene	23.5	1.0	ug/l	25.0		94	24-159			
Benzo (g,h,i) perylene	23.6	1.0	ug/l	25.0		94	0.1-219			
Benzo (k) fluoranthene	23.4	1.0	ug/l	25.0		94	11-162			
Bis(2-chloroethoxy)methane	14.0	1.0	ug/l	25.0		56	33-184			
Bis(2-chloroethyl)ether	15.3	1.0	ug/l	25.0		61	12-158			
Bis(2-chloroisopropyl)ether	13.1	1.0	ug/l	25.0		52	36-166			
Bis(2-ethylhexyl)phthalate	27.4	2.0	ug/l	25.0		110	8-158			
Butyl benzyl phthalate	25.0	1.0	ug/l	25.0		100	0.1-152			
Chrysene	22.8	1.0	ug/l	25.0		91	17-168			
Dibenzo (a,h) anthracene	24.1	1.0	ug/l	25.0		97	0.1-227			
Diethyl phthalate	19.2	1.0	ug/l	25.0		77	0.1-114			
Dimethyl phthalate	16.9	1.0	ug/l	25.0		68	0.1-112			
Di-n-butyl phthalate	24.8	1.0	ug/l	25.0		99	1-118			
Di-n-octyl phthalate	22.5	1.0	ug/l	25.0		90	4-146			
Fluoranthene	24.2	1.0	ug/l	25.0		97	26-137			
Fluorene	16.5	1.0	ug/l	25.0		66	59-121			
Hexachlorobenzene	18.8	1.0	ug/l	25.0		75	0.1-152			
Hexachlorobutadiene	14.4	1.0	ug/l	25.0		58	24-116			
Hexachlorocyclopentadiene	5.28	5.0	ug/l	25.0		21	0.1-81			
Hexachloroethane	14.3	1.0	ug/l	25.0		57	40-113			
Indeno (1,2,3-cd) pyrene	25.6	1.0	ug/l	25.0		102	0.1-171			
Isophorone	12.6	1.0	ug/l	25.0		50	21-196			
Naphthalene	14.7	1.0	ug/l	25.0		59	21-133			
Nitrobenzene	15.6	1.0	ug/l	25.0		62	35-180			
N-Nitrosodimethylamine	9.71	1.0	ug/l	25.0		39	20-83			
N-Nitrosodi-n-propylamine	14.9	1.0	ug/l	25.0		60	0.1-230			
N-Nitrosodiphenylamine	14.8	1.0	ug/l	25.0		59	42-90			
Pentachlorophenol	18.3	1.0	ug/l	25.0		73	14-176			
Phenanthrene	20.1	1.0	ug/l	25.0		80	54-120			
Phenol	6.13	1.0	ug/l	25.0		25	5-112			
Pyrene	24.3	1.0	ug/l	25.0		97	52-115			
Surrogate(s)										
2,4,6-Tribromophenol	*37.2*		*ug/l*	*50.0*		*74*	*25-102*			
2-Fluorobiphenyl	*15.2*		*ug/l*	*25.0*		*61*	*22-107*			
2-Fluorophenol	*20.1*		*ug/l*	*50.0*		*40*	*3-74*			
Nitrobenzene-d5	*14.7*		*ug/l*	*25.0*		*59*	*27-111*			
Phenol-d5	*12.9*		*ug/l*	*50.0*		*26*	*0.1-53*			
Terphenyl-d14	*24.7*		*ug/l*	*25.0*		*99*	*28-113*			

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Quality Control Results

(Continued)

Acid and Base/Neutral Extractables by GC/MS (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1365 - EPA 625/L-L SF (Continued)										
LCS Dup (W8H1365-BSD1)				**Prepared: 08/23/18**	**Analyzed: 09/12/18**					
1,2,4-Trichlorobenzene	15.9	1.0	ug/l	25.0		64	44-142	10	30	
1,2-Dichlorobenzene	15.9	1.0	ug/l	25.0		63	32-129	11	30	
1,3-Dichlorobenzene	15.3	1.0	ug/l	25.0		61	0.1-172	11	30	
1,4-Dichlorobenzene	15.6	1.0	ug/l	25.0		62	20-124	11	30	
2,4,6-Trichlorophenol	17.1	1.0	ug/l	25.0		68	37-144	6	30	
2,4-Dichlorophenol	17.5	1.0	ug/l	25.0		70	39-135	8	30	
2,4-Dimethylphenol	14.4	1.0	ug/l	25.0		58	32-119	17	30	
2,4-Dinitrophenol	26.7	5.0	ug/l	25.0		107	0.1-191	7	30	
2,4-Dinitrotoluene	19.9	1.0	ug/l	25.0		80	39-139	4	30	
2,6-Dinitrotoluene	17.3	1.0	ug/l	25.0		69	50-158	3	30	
2-Chloronaphthalene	16.7	1.0	ug/l	25.0		67	60-118	8	30	
2-Chlorophenol	15.9	1.0	ug/l	25.0		64	23-134	11	30	
2-Methyl-4,6-dinitrophenol	23.9	1.0	ug/l	25.0		96	0.1-181	10	30	
2-Nitrophenol	18.0	1.0	ug/l	25.0		72	29-182	9	30	
3,3'-Dichlorobenzidine	15.6	1.0	ug/l	25.0		62	0.1-262	7	30	
4-Bromophenyl phenyl ether	18.8	1.0	ug/l	25.0		75	53-127	0.8	30	
4-Chloro-3-methylphenol	16.6	1.0	ug/l	25.0		66	22-147	8	30	
4-Chlorophenyl phenyl ether	16.9	1.0	ug/l	25.0		68	25-158	5	30	
4-Nitrophenol	9.35	2.0	ug/l	25.0		37	0.1-132	10	30	
Acenaphthene	17.8	1.0	ug/l	25.0		71	47-145	13	30	
Acenaphthylene	17.7	1.0	ug/l	25.0		71	33-145	6	30	
Anthracene	18.7	1.0	ug/l	25.0		75	27-133	6	30	
Benzo (a) anthracene	22.3	1.0	ug/l	25.0		89	33-143	12	30	
Benzo (a) pyrene	21.1	1.0	ug/l	25.0		84	17-163	9	30	
Benzo (b) fluoranthene	21.3	1.0	ug/l	25.0		85	24-159	10	30	
Benzo (g,h,i) perylene	21.1	1.0	ug/l	25.0		84	0.1-219	11	30	
Benzo (k) fluoranthene	20.8	1.0	ug/l	25.0		83	11-162	12	30	
Bis(2-chloroethoxy)methane	15.2	1.0	ug/l	25.0		61	33-184	9	30	
Bis(2-chloroethyl)ether	17.0	1.0	ug/l	25.0		68	12-158	11	30	
Bis(2-chloroisopropyl)ether	14.4	1.0	ug/l	25.0		58	36-166	10	30	
Bis(2-ethylhexyl)phthalate	23.6	2.0	ug/l	25.0		94	8-158	15	30	
Butyl benzyl phthalate	22.2	1.0	ug/l	25.0		89	0.1-152	12	30	
Chrysene	20.3	1.0	ug/l	25.0		81	17-168	12	30	
Dibenzo (a,h) anthracene	21.3	1.0	ug/l	25.0		85	0.1-227	12	30	
Diethyl phthalate	18.2	1.0	ug/l	25.0		73	0.1-114	5	30	
Dimethyl phthalate	16.9	1.0	ug/l	25.0		68	0.1-112	0.1	30	
Di-n-butyl phthalate	21.8	1.0	ug/l	25.0		87	1-118	13	30	
Di-n-octyl phthalate	20.1	1.0	ug/l	25.0		81	4-146	11	30	
Fluoranthene	21.3	1.0	ug/l	25.0		85	26-137	13	30	
Fluorene	17.1	1.0	ug/l	25.0		68	59-121	4	30	
Hexachlorobenzene	18.0	1.0	ug/l	25.0		72	0.1-152	4	30	
Hexachlorobutadiene	16.1	1.0	ug/l	25.0		65	24-116	11	30	

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Quality Control Results

(Continued)

Acid and Base/Neutral Extractables by GC/MS (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1365 - EPA 625/L-L SF (Continued)										
LCS Dup (W8H1365-BSD1)				**Prepared: 08/23/18**	**Analyzed: 09/12/18**					
Hexachlorocyclopentadiene	6.46	5.0	ug/l	25.0		26	0.1-81	20	30	
Hexachloroethane	16.0	1.0	ug/l	25.0		64	40-113	11	30	
Indeno (1,2,3-cd) pyrene	22.6	1.0	ug/l	25.0		90	0.1-171	13	30	
Isophorone	13.4	1.0	ug/l	25.0		54	21-196	7	30	
Naphthalene	16.3	1.0	ug/l	25.0		65	21-133	10	30	
Nitrobenzene	17.1	1.0	ug/l	25.0		69	35-180	10	30	
N-Nitrosodimethylamine	10.8	1.0	ug/l	25.0		43	20-83	11	30	
N-Nitrosodi-n-propylamine	16.3	1.0	ug/l	25.0		65	0.1-230	9	30	
N-Nitrosodiphenylamine	14.9	1.0	ug/l	25.0		60	42-90	0.6	30	
Pentachlorophenol	16.2	1.0	ug/l	25.0		65	14-176	12	30	
Phenanthrene	18.9	1.0	ug/l	25.0		76	54-120	6	30	
Phenol	6.80	1.0	ug/l	25.0		27	5-112	10	30	
Pyrene	21.3	1.0	ug/l	25.0		85	52-115	13	30	
Surrogate(s)										
2,4,6-Tribromophenol	*35.9*		*ug/l*	*50.0*		*72*	*25-102*			
2-Fluorobiphenyl	*16.2*		*ug/l*	*25.0*		*65*	*22-107*			
2-Fluorophenol	*22.4*		*ug/l*	*50.0*		*45*	*3-74*			
Nitrobenzene-d5	*16.1*		*ug/l*	*25.0*		*64*	*27-111*			
Phenol-d5	*14.4*		*ug/l*	*50.0*		*29*	*0.1-53*			
Terphenyl-d14	*21.3*		*ug/l*	*25.0*		*85*	*28-113*			

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Quality Control Results

(Continued)

Anions by IC, EPA Method 300.1

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1526 - EPA 300.1/Dir Inj										
Blank (W8H1526-BLK1)				**Prepared & Analyzed: 08/27/18**						
Bromate	ND	5.0	ug/l							
Chlorite	ND	10	ug/l							
Surrogate(s)										
Dichloroacetate	*497*		*ug/l*	*500*		*99*	*90-115*			
Dichloroacetate	*497*		*ug/l*	*500*		*99*	*90-115*			
LCS (W8H1526-BS1)				**Prepared & Analyzed: 08/27/18**						
Bromate	93.1	5.0	ug/l	100		93	85-115			
Chlorite	90.2	10	ug/l	100		90	85-115			
Surrogate(s)										
Dichloroacetate	*509*		*ug/l*	*500*		*102*	*90-115*			
Dichloroacetate	*509*		*ug/l*	*500*		*102*	*90-115*			
Matrix Spike (W8H1526-MS1)	**Source: 8H15004-03**			**Prepared & Analyzed: 08/27/18**						
Bromate	80.6	5.0	ug/l	100	*ND*	81	64-133			
Chlorite	85.4	10	ug/l	100	*ND*	85	78-129			
Surrogate(s)										
Dichloroacetate	*497*		*ug/l*	*500*		*99*	*90-115*			
Dichloroacetate	*497*		*ug/l*	*500*		*99*	*90-115*			
Matrix Spike (W8H1526-MS2)	**Source: 8H15004-04**			**Prepared & Analyzed: 08/27/18**						
Bromate	253	25	ug/l	500	*ND*	51	64-133			MS-05
Chlorite	440	50	ug/l	500	*ND*	88	78-129			
Surrogate(s)										
Dichloroacetate	*532*		*ug/l*	*500*		*106*	*90-115*			
Dichloroacetate	*532*		*ug/l*	*500*		*106*	*90-115*			
Matrix Spike Dup (W8H1526-MSD1)	**Source: 8H15004-03**			**Prepared & Analyzed: 08/27/18**						
Bromate	82.7	5.0	ug/l	100	*ND*	83	64-133	3	20	
Chlorite	84.9	10	ug/l	100	*ND*	85	78-129	0.6	20	
Surrogate(s)										
Dichloroacetate	*496*		*ug/l*	*500*		*99*	*90-115*			
Dichloroacetate	*496*		*ug/l*	*500*		*99*	*90-115*			
Matrix Spike Dup (W8H1526-MSD2)	**Source: 8H15004-04**			**Prepared & Analyzed: 08/27/18**						
Bromate	251	25	ug/l	500	*ND*	50	64-133	1	20	MS-05
Chlorite	432	50	ug/l	500	*ND*	86	78-129	2	20	
Surrogate(s)										
Dichloroacetate	*514*		*ug/l*	*500*		*103*	*90-115*			
Dichloroacetate	*514*		*ug/l*	*500*		*103*	*90-115*			

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Quality Control Results

(Continued)

Carbamates and Urea Pesticides

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1676 - Direct Injection										
Blank (W8H1676-BLK1)				**Prepared & Analyzed: 08/28/18**						
3-Hydroxycarbofuran	ND	2.0	ug/l							
Aldicarb	ND	2.0	ug/l							
Aldicarb sulfone	ND	2.0	ug/l							
Aldicarb sulfoxide	ND	2.0	ug/l							
Carbaryl	ND	2.0	ug/l							
Carbofuran	ND	2.0	ug/l							
Methiocarb	ND	2.0	ug/l							
Methomyl	ND	2.0	ug/l							
Oxamyl	ND	2.0	ug/l							
Propoxur (Baygon)	ND	2.0	ug/l							
LCS (W8H1676-BS1)				**Prepared & Analyzed: 08/28/18**						
3-Hydroxycarbofuran	9.06	2.0	ug/l	10.0		91	80-120			
Aldicarb	9.99	2.0	ug/l	10.0		100	80-120			
Aldicarb sulfone	10.1	2.0	ug/l	10.0		101	80-120			
Aldicarb sulfoxide	9.91	2.0	ug/l	10.0		99	80-120			
Carbaryl	10.7	2.0	ug/l	10.0		107	80-120			
Carbofuran	9.82	2.0	ug/l	10.0		98	80-120			
Methiocarb	9.76	2.0	ug/l	10.0		98	80-120			
Methomyl	11.0	2.0	ug/l	10.0		110	80-120			
Oxamyl	10.9	2.0	ug/l	10.0		109	80-120			
Propoxur (Baygon)	9.73	2.0	ug/l	10.0		97	80-120			
Matrix Spike (W8H1676-MS1)	**Source: 8H06085-01**			**Prepared & Analyzed: 08/28/18**						
3-Hydroxycarbofuran	9.88	2.0	ug/l	10.0	*ND*	99	65-135			
Aldicarb	9.90	2.0	ug/l	10.0	*ND*	99	65-135			
Aldicarb sulfone	10.4	2.0	ug/l	10.0	*ND*	104	65-135			
Aldicarb sulfoxide	10.1	2.0	ug/l	10.0	*ND*	101	65-135			
Carbaryl	10.6	2.0	ug/l	10.0	*ND*	106	65-135			
Carbofuran	10.4	2.0	ug/l	10.0	*ND*	104	65-135			
Methiocarb	10.3	2.0	ug/l	10.0	*ND*	103	65-135			
Methomyl	9.15	2.0	ug/l	10.0	*ND*	91	65-135			
Oxamyl	11.7	2.0	ug/l	10.0	*ND*	117	65-135			
Propoxur (Baygon)	9.62	2.0	ug/l	10.0	*ND*	96	65-135			
Matrix Spike Dup (W8H1676-MSD1)	**Source: 8H06085-01**			**Prepared & Analyzed: 08/28/18**						
3-Hydroxycarbofuran	9.37	2.0	ug/l	10.0	*ND*	94	65-135	5	30	
Aldicarb	9.64	2.0	ug/l	10.0	*ND*	96	65-135	3	30	
Aldicarb sulfone	10.1	2.0	ug/l	10.0	*ND*	101	65-135	3	30	
Aldicarb sulfoxide	9.83	2.0	ug/l	10.0	*ND*	98	65-135	2	30	
Carbaryl	10.4	2.0	ug/l	10.0	*ND*	104	65-135	2	30	
Carbofuran	10.4	2.0	ug/l	10.0	*ND*	104	65-135	0.5	30	
Methiocarb	10.6	2.0	ug/l	10.0	*ND*	106	65-135	2	30	
Methomyl	10.7	2.0	ug/l	10.0	*ND*	107	65-135	16	30	
Oxamyl	10.2	2.0	ug/l	10.0	*ND*	102	65-135	14	30	

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Quality Control Results

(Continued)

Carbamates and Urea Pesticides (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1676 - Direct Injection (Continued)										
Matrix Spike Dup (W8H1676-MSD1)	**Source: 8H06085-01**			**Prepared & Analyzed: 08/28/18**						
Propoxur (Baygon)	10.3	2.0	ug/l	10.0	*ND*	103	65-135	7	30	

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Quality Control Results

(Continued)

Chlorinated Acids Herbicides by GC/ECD

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1439 - EPA 515.3/Micro Ext. Drtz.										
Blank (W8H1439-BLK1)				**Prepared: 08/24/18 Analyzed: 09/04/18**						
2,4,5-T	ND	0.20	ug/l							
2,4,5-TP (Silvex)	ND	0.20	ug/l							
2,4-D	ND	0.40	ug/l							
2,4-DB	ND	2.0	ug/l							
3,5-Dichlorobenzoic acid	ND	1.0	ug/l							
Acifluorfen	ND	0.40	ug/l							
Bentazon	ND	2.0	ug/l							
Dalapon	ND	0.40	ug/l							
DCPA	ND	0.10	ug/l							
Dicamba	ND	0.60	ug/l							
Dichloroprop	ND	0.30	ug/l							
Dinoseb	ND	0.40	ug/l							
Pentachlorophenol	ND	0.20	ug/l							
Picloram	ND	0.60	ug/l							
Surrogate(s)										
2,4-DCAA	*11.7*		*ug/l*	*10.0*		*117*	*70-130*			
LCS (W8H1439-BS1)				**Prepared: 08/24/18 Analyzed: 09/04/18**						
2,4,5-T	5.08	0.20	ug/l	4.00		127	70-130			
2,4,5-TP (Silvex)	5.00	0.20	ug/l	4.00		125	70-130			
2,4-D	8.94	0.40	ug/l	8.00		112	70-130			
2,4-DB	20.2	2.0	ug/l	16.0		126	70-130			
3,5-Dichlorobenzoic acid	9.77	1.0	ug/l	8.00		122	70-130			
Acifluorfen	4.42	0.40	ug/l	4.00		110	70-130			
Bentazon	17.4	2.0	ug/l	16.0		108	70-130			
Dalapon	10.2	0.40	ug/l	8.00		127	70-130			
DCPA	4.12	0.10	ug/l	4.00		103	70-130			
Dicamba	9.98	0.60	ug/l	8.00		125	70-130			
Dichloroprop	9.43	0.30	ug/l	8.00		118	70-130			
Dinoseb	5.01	0.40	ug/l	4.00		125	70-130			
Pentachlorophenol	3.98	0.20	ug/l	4.00		100	70-130			
Picloram	4.78	0.60	ug/l	4.00		120	70-130			
Surrogate(s)										
2,4-DCAA	*12.0*		*ug/l*	*10.0*		*120*	*70-130*			
Matrix Spike (W8H1439-MS1)	**Source: 8H21038-01**			**Prepared: 08/24/18 Analyzed: 09/04/18**						
2,4,5-T	4.56	0.20	ug/l	4.00	*ND*	114	70-130			
2,4,5-TP (Silvex)	4.56	0.20	ug/l	4.00	*ND*	114	70-130			
2,4-D	9.94	0.40	ug/l	8.00	*ND*	124	70-130			
2,4-DB	19.2	2.0	ug/l	16.0	*ND*	120	70-130			
3,5-Dichlorobenzoic acid	10.3	1.0	ug/l	8.00	*ND*	129	70-130			
Acifluorfen	4.49	0.40	ug/l	4.00	*ND*	112	70-130			
Bentazon	17.7	2.0	ug/l	16.0	*ND*	111	70-130			
Dalapon	9.61	0.40	ug/l	8.00	*ND*	120	70-130			
DCPA	4.48	0.10	ug/l	4.00	*ND*	112	70-130			

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Quality Control Results

(Continued)

Chlorinated Acids Herbicides by GC/ECD (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1439 - EPA 515.3/Micro Ext. Drtz. (Continued)										
Matrix Spike (W8H1439-MS1)	**Source: 8H21038-01**			**Prepared: 08/24/18**	**Analyzed: 09/04/18**					
Dicamba	9.96	0.60	ug/l	8.00	*ND*	124	70-130			
Dichloroprop	9.57	0.30	ug/l	8.00	*ND*	120	70-130			
Dinoseb	4.64	0.40	ug/l	4.00	*ND*	116	70-130			
Pentachlorophenol	3.99	0.20	ug/l	4.00	*ND*	100	70-130			
Picloram	4.88	0.60	ug/l	4.00	*ND*	122	70-130			
Surrogate(s)										
2,4-DCAA	*12.6*		*ug/l*	*10.0*		*126*	*70-130*			
Matrix Spike (W8H1439-MS2)	**Source: 8H22006-01**			**Prepared: 08/24/18**	**Analyzed: 09/04/18**					
2,4,5-T	4.48	0.20	ug/l	4.00	*ND*	112	70-130			
2,4,5-TP (Silvex)	4.48	0.20	ug/l	4.00	*ND*	112	70-130			
2,4-D	9.15	0.40	ug/l	8.00	*ND*	114	70-130			
2,4-DB	17.9	2.0	ug/l	16.0	*ND*	112	70-130			
3,5-Dichlorobenzoic acid	9.26	1.0	ug/l	8.00	*ND*	116	70-130			
Acifluorfen	4.33	0.40	ug/l	4.00	*ND*	108	70-130			
Bentazon	16.7	2.0	ug/l	16.0	*ND*	104	70-130			
Dalapon	9.87	0.40	ug/l	8.00	*ND*	123	70-130			
DCPA	4.43	0.10	ug/l	4.00	*ND*	111	70-130			
Dicamba	6.63	0.60	ug/l	8.00	*ND*	83	70-130			
Dichloroprop	9.20	0.30	ug/l	8.00	*ND*	115	70-130			
Dinoseb	4.46	0.40	ug/l	4.00	*ND*	111	70-130			
Pentachlorophenol	3.84	0.20	ug/l	4.00	*ND*	96	70-130			
Picloram	4.62	0.60	ug/l	4.00	*ND*	116	70-130			
Surrogate(s)										
2,4-DCAA	*11.8*		*ug/l*	*10.0*		*118*	*70-130*			
Matrix Spike Dup (W8H1439-MSD1)	**Source: 8H21038-01**			**Prepared: 08/24/18**	**Analyzed: 09/04/18**					
2,4,5-T	4.39	0.20	ug/l	4.00	*ND*	110	70-130	4	30	
2,4,5-TP (Silvex)	4.41	0.20	ug/l	4.00	*ND*	110	70-130	3	30	
2,4-D	8.82	0.40	ug/l	8.00	*ND*	110	70-130	12	30	
2,4-DB	17.7	2.0	ug/l	16.0	*ND*	110	70-130	8	30	
3,5-Dichlorobenzoic acid	8.93	1.0	ug/l	8.00	*ND*	112	70-130	14	30	
Acifluorfen	4.50	0.40	ug/l	4.00	*ND*	113	70-130	0.2	30	
Bentazon	16.3	2.0	ug/l	16.0	*ND*	102	70-130	8	30	
Dalapon	7.11	0.40	ug/l	8.00	*ND*	89	70-130	30	30	
DCPA	4.46	0.10	ug/l	4.00	*ND*	112	70-130	0.4	30	
Dicamba	6.78	0.60	ug/l	8.00	*ND*	85	70-130	38	30	MS-05
Dichloroprop	8.77	0.30	ug/l	8.00	*ND*	110	70-130	9	30	
Dinoseb	4.47	0.40	ug/l	4.00	*ND*	112	70-130	4	30	
Pentachlorophenol	3.70	0.20	ug/l	4.00	*ND*	93	70-130	7	30	
Picloram	4.56	0.60	ug/l	4.00	*ND*	114	70-130	7	30	
Surrogate(s)										
2,4-DCAA	*11.7*		*ug/l*	*10.0*		*117*	*70-130*			
Matrix Spike Dup (W8H1439-MSD2)	**Source: 8H22006-01**			**Prepared: 08/24/18**	**Analyzed: 09/04/18**					
2,4,5-T	4.43	0.20	ug/l	4.00	*ND*	111	70-130	1	30	

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Quality Control Results

(Continued)

Chlorinated Acids Herbicides by GC/ECD (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1439 - EPA 515.3/Micro Ext. Drtz. (Continued)										
Matrix Spike Dup (W8H1439-MSD2)	**Source: 8H22006-01**			**Prepared: 08/24/18**	**Analyzed: 09/04/18**					
2,4,5-TP (Silvex)	4.46	0.20	ug/l	4.00	*ND*	112	70-130	0.3	30	
2,4-D	8.49	0.40	ug/l	8.00	*ND*	106	70-130	7	30	
2,4-DB	17.1	2.0	ug/l	16.0	*ND*	107	70-130	5	30	
3,5-Dichlorobenzoic acid	8.78	1.0	ug/l	8.00	*ND*	110	70-130	5	30	
Acifluorfen	4.36	0.40	ug/l	4.00	*ND*	109	70-130	0.9	30	
Bentazon	16.3	2.0	ug/l	16.0	*ND*	102	70-130	2	30	
Dalapon	9.11	0.40	ug/l	8.00	*ND*	114	70-130	8	30	
DCPA	4.46	0.10	ug/l	4.00	*ND*	111	70-130	0.7	30	
Dicamba	6.60	0.60	ug/l	8.00	*ND*	83	70-130	0.4	30	
Dichloroprop	8.55	0.30	ug/l	8.00	*ND*	107	70-130	7	30	
Dinoseb	4.41	0.40	ug/l	4.00	*ND*	110	70-130	1	30	
Pentachlorophenol	3.98	0.20	ug/l	4.00	*ND*	100	70-130	4	30	
Picloram	4.52	0.60	ug/l	4.00	*ND*	113	70-130	2	30	
Surrogate(s)										
2,4-DCAA	*11.2*		*ug/l*	*10.0*		*112*	*70-130*			

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Quality Control Results

(Continued)

Chlorinated Pesticides and/or PCBs by GC/ECD

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1360 - EPA 508/L-L SF										
Blank (W8H1360-BLK1)				**Prepared: 08/23/18 Analyzed: 08/30/18**						
4,4´-DDD	ND	0.010	ug/l							
4,4´-DDE	ND	0.010	ug/l							
4,4´-DDT	ND	0.010	ug/l							
Aldrin	ND	0.010	ug/l							
alpha-BHC	ND	0.010	ug/l							
Aroclor 1016	ND	0.10	ug/l							
Aroclor 1221	ND	0.10	ug/l							
Aroclor 1232	ND	0.10	ug/l							
Aroclor 1242	ND	0.10	ug/l							
Aroclor 1248	ND	0.10	ug/l							
Aroclor 1254	ND	0.10	ug/l							
Aroclor 1260	ND	0.10	ug/l							
beta-BHC	ND	0.010	ug/l							
Chlordane (tech)	ND	0.10	ug/l							
Chlorothalonil	ND	0.050	ug/l							
delta-BHC	ND	0.010	ug/l							
Dieldrin	ND	0.010	ug/l							
Endosulfan I	ND	0.010	ug/l							
Endosulfan II	ND	0.010	ug/l							
Endosulfan sulfate	ND	0.010	ug/l							
Endrin	ND	0.010	ug/l							
Endrin aldehyde	ND	0.010	ug/l							
gamma-BHC (Lindane)	ND	0.010	ug/l							
Heptachlor	ND	0.010	ug/l							
Heptachlor epoxide	ND	0.010	ug/l							
Hexachlorobenzene	ND	0.050	ug/l							
Hexachlorocyclopentadiene	ND	0.050	ug/l							
Methoxychlor	ND	0.010	ug/l							
PCBs, Total	ND	0.50	ug/l							
Propachlor	ND	0.050	ug/l							
Toxaphene	ND	0.50	ug/l							
Trifluralin	ND	0.010	ug/l							
Surrogate(s)										
Decachlorobiphenyl		*0.125*	*ug/l*	*0.100*		*125*	*70-130*			
Tetrachloro-meta-xylene		*0.0827*	*ug/l*	*0.100*		*83*	*70-130*			
Blank (W8H1360-BLK2)				**Prepared: 08/23/18 Analyzed: 09/04/18**						
4,4´-DDD	ND	0.010	ug/l							QC-2
4,4´-DDE	ND	0.010	ug/l							QC-2
4,4´-DDT	ND	0.010	ug/l							QC-2
Aldrin	ND	0.010	ug/l							QC-2
alpha-BHC	ND	0.010	ug/l							QC-2
Aroclor 1016	ND	0.10	ug/l							QC-2
Aroclor 1221	ND	0.10	ug/l							QC-2

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Quality Control Results

(Continued)

Chlorinated Pesticides and/or PCBs by GC/ECD (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1360 - EPA 508/L-L SF (Continued)										
Blank (W8H1360-BLK2)				**Prepared: 08/23/18 Analyzed: 09/04/18**						
Aroclor 1232	ND	0.10	ug/l							QC-2
Aroclor 1242	ND	0.10	ug/l							QC-2
Aroclor 1248	ND	0.10	ug/l							QC-2
Aroclor 1254	ND	0.10	ug/l							QC-2
Aroclor 1260	ND	0.10	ug/l							QC-2
beta-BHC	ND	0.010	ug/l							QC-2
Chlordane (tech)	ND	0.10	ug/l							QC-2
Chlorothalonil	ND	0.050	ug/l							QC-2
delta-BHC	ND	0.010	ug/l							QC-2
Dieldrin	ND	0.010	ug/l							QC-2
Endosulfan I	ND	0.010	ug/l							QC-2
Endosulfan II	ND	0.010	ug/l							QC-2
Endosulfan sulfate	ND	0.010	ug/l							QC-2
Endrin	ND	0.010	ug/l							QC-2
Endrin aldehyde	ND	0.010	ug/l							QC-2
gamma-BHC (Lindane)	ND	0.010	ug/l							QC-2
Heptachlor	ND	0.010	ug/l							QC-2
Heptachlor epoxide	ND	0.010	ug/l							QC-2
Hexachlorobenzene	ND	0.050	ug/l							QC-2
Hexachlorocyclopentadiene	ND	0.050	ug/l							QC-2
Methoxychlor	ND	0.010	ug/l							QC-2
PCBs, Total	ND	0.50	ug/l							QC-2
Propachlor	ND	0.050	ug/l							QC-2
Toxaphene	ND	0.50	ug/l							QC-2
Trifluralin	ND	0.010	ug/l							QC-2
Surrogate(s)										
Decachlorobiphenyl		*0.105*	*ug/l*	*0.100*		*105*	*70-130*			*QC-2*
Tetrachloro-meta-xylene		*0.0811*	*ug/l*	*0.100*		*81*	*70-130*			*QC-2*
LCS (W8H1360-BS1)				**Prepared: 08/23/18 Analyzed: 08/30/18**						
4,4´-DDD	0.0998	0.010	ug/l	0.100		100	55-142			
4,4´-DDE	0.0927	0.010	ug/l	0.100		93	49-129			
4,4´-DDT	0.102	0.010	ug/l	0.100		102	54-160			
Aldrin	0.0834	0.010	ug/l	0.100		83	29-115			
alpha-BHC	0.0879	0.010	ug/l	0.100		88	59-131			
beta-BHC	0.0978	0.010	ug/l	0.100		98	63-136			
delta-BHC	0.104	0.010	ug/l	0.100		104	59-137			
Dieldrin	0.0978	0.010	ug/l	0.100		98	59-135			
Endosulfan I	0.0958	0.010	ug/l	0.100		96	28-138			
Endosulfan II	0.0934	0.010	ug/l	0.100		93	53-133			
Endosulfan sulfate	0.119	0.010	ug/l	0.100		119	58-155			
Endrin	0.103	0.010	ug/l	0.100		103	57-148			
Endrin aldehyde	0.0820	0.010	ug/l	0.100		82	45-139			
gamma-BHC (Lindane)	0.0884	0.010	ug/l	0.100		88	59-129			

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Quality Control Results

(Continued)

Chlorinated Pesticides and/or PCBs by GC/ECD (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1360 - EPA 508/L-L SF (Continued)										
LCS (W8H1360-BS1)				**Prepared: 08/23/18**	**Analyzed: 08/30/18**					
Heptachlor	0.0852	0.010	ug/l	0.100		85	42-136			
Heptachlor epoxide	0.0961	0.010	ug/l	0.100		96	59-134			
Methoxychlor	0.117	0.010	ug/l	0.100		117	56-167			
Surrogate(s)										
Decachlorobiphenyl		*0.129*	*ug/l*	*0.100*		*129*	*70-130*			
Tetrachloro-meta-xylene		*0.0981*	*ug/l*	*0.100*		*98*	*70-130*			
LCS (W8H1360-BS2)				**Prepared: 08/23/18**	**Analyzed: 09/04/18**					
4,4´-DDD	0.0930	0.010	ug/l	0.100		93	55-142			QC-2
4,4´-DDE	0.0864	0.010	ug/l	0.100		86	49-129			QC-2
4,4´-DDT	0.0895	0.010	ug/l	0.100		89	54-160			QC-2
Aldrin	0.0826	0.010	ug/l	0.100		83	29-115			QC-2
alpha-BHC	0.0851	0.010	ug/l	0.100		85	59-131			QC-2
beta-BHC	0.0937	0.010	ug/l	0.100		94	63-136			QC-2
delta-BHC	0.0971	0.010	ug/l	0.100		97	59-137			QC-2
Dieldrin	0.0924	0.010	ug/l	0.100		92	59-135			QC-2
Endosulfan I	0.0913	0.010	ug/l	0.100		91	28-138			QC-2
Endosulfan II	0.0899	0.010	ug/l	0.100		90	53-133			QC-2
Endosulfan sulfate	0.113	0.010	ug/l	0.100		113	58-155			QC-2
Endrin	0.0854	0.010	ug/l	0.100		85	57-148			QC-2
Endrin aldehyde	0.0810	0.010	ug/l	0.100		81	45-139			QC-2
gamma-BHC (Lindane)	0.0848	0.010	ug/l	0.100		85	59-129			QC-2
Heptachlor	0.0815	0.010	ug/l	0.100		81	42-136			QC-2
Heptachlor epoxide	0.0947	0.010	ug/l	0.100		95	59-134			QC-2
Methoxychlor	0.0914	0.010	ug/l	0.100		91	56-167			QC-2
Surrogate(s)										
Decachlorobiphenyl		*0.108*	*ug/l*	*0.100*		*108*	*70-130*			*QC-2*
Tetrachloro-meta-xylene		*0.0969*	*ug/l*	*0.100*		*97*	*70-130*			*QC-2*
LCS Dup (W8H1360-BSD1)				**Prepared: 08/23/18**	**Analyzed: 08/30/18**					
4,4´-DDD	0.101	0.010	ug/l	0.100		101	55-142	0.9	25	
4,4´-DDE	0.0935	0.010	ug/l	0.100		93	49-129	0.9	25	
4,4´-DDT	0.104	0.010	ug/l	0.100		104	54-160	2	25	
Aldrin	0.0838	0.010	ug/l	0.100		84	29-115	0.5	25	
alpha-BHC	0.0873	0.010	ug/l	0.100		87	59-131	0.7	25	
beta-BHC	0.0982	0.010	ug/l	0.100		98	63-136	0.3	25	
delta-BHC	0.105	0.010	ug/l	0.100		105	59-137	0.8	25	
Dieldrin	0.0985	0.010	ug/l	0.100		99	59-135	0.7	25	
Endosulfan I	0.0966	0.010	ug/l	0.100		97	28-138	0.8	25	
Endosulfan II	0.0957	0.010	ug/l	0.100		96	53-133	2	25	
Endosulfan sulfate	0.119	0.010	ug/l	0.100		119	58-155	0.4	25	
Endrin	0.104	0.010	ug/l	0.100		104	57-148	0.8	25	
Endrin aldehyde	0.0878	0.010	ug/l	0.100		88	45-139	7	25	
gamma-BHC (Lindane)	0.0889	0.010	ug/l	0.100		89	59-129	0.5	25	
Heptachlor	0.0847	0.010	ug/l	0.100		85	42-136	0.5	25	

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(Continued)

Chlorinated Pesticides and/or PCBs by GC/ECD (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1360 - EPA 508/L-L SF (Continued)										
LCS Dup (W8H1360-BSD1)				**Prepared: 08/23/18**	**Analyzed: 08/30/18**					
Heptachlor epoxide	0.0966	0.010	ug/l	0.100		97	59-134	0.5	25	
Methoxychlor	0.117	0.010	ug/l	0.100		117	56-167	0.4	25	
Surrogate(s)										
Decachlorobiphenyl		*0.125*	*ug/l*	*0.100*		*125*	*70-130*			
Tetrachloro-meta-xylene		*0.0795*	*ug/l*	*0.100*		*80*	*70-130*			
LCS Dup (W8H1360-BSD2)				**Prepared: 08/23/18**	**Analyzed: 09/04/18**					
4,4´-DDD	0.0955	0.010	ug/l	0.100		95	55-142	3	25	QC-2
4,4´-DDE	0.0891	0.010	ug/l	0.100		89	49-129	3	25	QC-2
4,4´-DDT	0.0925	0.010	ug/l	0.100		92	54-160	3	25	QC-2
Aldrin	0.0840	0.010	ug/l	0.100		84	29-115	2	25	QC-2
alpha-BHC	0.0850	0.010	ug/l	0.100		85	59-131	0.1	25	QC-2
beta-BHC	0.0944	0.010	ug/l	0.100		94	63-136	0.7	25	QC-2
delta-BHC	0.0992	0.010	ug/l	0.100		99	59-137	2	25	QC-2
Dieldrin	0.0953	0.010	ug/l	0.100		95	59-135	3	25	QC-2
Endosulfan I	0.0939	0.010	ug/l	0.100		94	28-138	3	25	QC-2
Endosulfan II	0.0913	0.010	ug/l	0.100		91	53-133	1	25	QC-2
Endosulfan sulfate	0.116	0.010	ug/l	0.100		116	58-155	2	25	QC-2
Endrin	0.0896	0.010	ug/l	0.100		90	57-148	5	25	QC-2
Endrin aldehyde	0.0854	0.010	ug/l	0.100		85	45-139	5	25	QC-2
gamma-BHC (Lindane)	0.0854	0.010	ug/l	0.100		85	59-129	0.7	25	QC-2
Heptachlor	0.0823	0.010	ug/l	0.100		82	42-136	1	25	QC-2
Heptachlor epoxide	0.0944	0.010	ug/l	0.100		94	59-134	0.3	25	QC-2
Methoxychlor	0.0950	0.010	ug/l	0.100		95	56-167	4	25	QC-2
Surrogate(s)										
Decachlorobiphenyl		*0.108*	*ug/l*	*0.100*		*108*	*70-130*			*QC-2*
Tetrachloro-meta-xylene		*0.0790*	*ug/l*	*0.100*		*79*	*70-130*			*QC-2*

Diquat and Paraquat by EPA 549.2

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1361 - EPA 549.2/SPE										
Blank (W8H1361-BLK1)				**Prepared: 08/23/18**	**Analyzed: 09/06/18**					
Diquat	ND	2.0	ug/l							
LCS (W8H1361-BS1)				**Prepared: 08/23/18**	**Analyzed: 09/06/18**					
Diquat	18.0	2.0	ug/l	20.0		90	70-130			
Matrix Spike (W8H1361-MS1)	**Source: 8H21038-01**			**Prepared: 08/23/18**	**Analyzed: 09/06/18**					
Diquat	0.251	2.0	ug/l	20.0	*ND*	100	46-122			MS-05
Matrix Spike Dup (W8H1361-MSD1)	**Source: 8H21038-01**			**Prepared: 08/23/18**	**Analyzed: 09/06/18**					
Diquat	0.234	2.0	ug/l	20.0	*ND*	100	46-122	200	30	MS-05

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Quality Control Results

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Endothall By EPA 548.1

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1278 - EPA 548.1/SPE										
Blank (W8H1278-BLK1)				**Prepared: 08/22/18**	**Analyzed: 08/30/18**					
Endothall	ND	40	ug/l							
LCS (W8H1278-BS1)				**Prepared: 08/22/18**	**Analyzed: 08/30/18**					
Endothall	98.1	40	ug/l	100		98	31-117			
Matrix Spike (W8H1278-MS1)	**Source: 8H21036-01**			**Prepared: 08/22/18**	**Analyzed: 08/30/18**					
Endothall	20.7	80	ug/l	200	*ND*	10	0.1-109			
Matrix Spike Dup (W8H1278-MSD1)	**Source: 8H21036-01**			**Prepared: 08/22/18**	**Analyzed: 08/30/18**					
Endothall	19.5	80	ug/l	200	*ND*	10	0.1-109	6	30	

Fumigants by EPA Method 504.1

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1645 - EPA 504.1/Micro Ext.										
Blank (W8H1645-BLK1)				**Prepared & Analyzed: 08/28/18**						
1,2-Dibromo-3-chloropropane	ND	0.010	ug/l							
1,2-Dibromoethane (EDB)	ND	0.020	ug/l							
LCS (W8H1645-BS1)				**Prepared & Analyzed: 08/28/18**						
1,2-Dibromo-3-chloropropane	0.105	0.010	ug/l	0.100		105	70-130			
1,2-Dibromoethane (EDB)	0.103	0.020	ug/l	0.100		103	70-130			
LCS (W8H1645-BS2)				**Prepared & Analyzed: 08/28/18**						
1,2-Dibromo-3-chloropropane	0.0807	0.010	ug/l	0.100		81	70-130			
1,2-Dibromoethane (EDB)	0.0803	0.020	ug/l	0.100		80	70-130			
LCS (W8H1645-BS3)				**Prepared & Analyzed: 08/28/18**						
1,2-Dibromo-3-chloropropane	0.0171	0.010	ug/l	0.0200		85	70-130			
1,2-Dibromoethane (EDB)	0.0190	0.020	ug/l	0.0200		95	70-130			
Matrix Spike (W8H1645-MS1)	**Source: 8H27108-01**			**Prepared & Analyzed: 08/28/18**						
1,2-Dibromo-3-chloropropane	0.142	0.010	ug/l	0.100	*0.0228*	119	65-135			
1,2-Dibromoethane (EDB)	0.0745	0.020	ug/l	0.100	*ND*	75	65-135			
Matrix Spike Dup (W8H1645-MSD1)	**Source: 8H27108-01**			**Prepared & Analyzed: 08/28/18**						
1,2-Dibromo-3-chloropropane	0.140	0.010	ug/l	0.100	*0.0228*	117	65-135	2	30	
1,2-Dibromoethane (EDB)	0.0971	0.020	ug/l	0.100	*ND*	97	65-135	26	30	

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Quality Control Results

(Continued)

Glyphosate by EPA 547

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1411 - Direct Injection										
Blank (W8H1411-BLK1)				**Prepared: 08/23/18**	**Analyzed: 08/24/18**					
Glyphosate	ND	5.0	ug/l							
LCS (W8H1411-BS1)				**Prepared: 08/23/18**	**Analyzed: 08/24/18**					
Glyphosate	26.0	5.0	ug/l	25.0		104	70-130			
Matrix Spike (W8H1411-MS1)	**Source: 8H22006-01**			**Prepared: 08/23/18**	**Analyzed: 08/24/18**					
Glyphosate	25.0	5.0	ug/l	25.0	*ND*	100	41-149			
Matrix Spike (W8H1411-MS2)	**Source: 8H22006-02**			**Prepared: 08/23/18**	**Analyzed: 08/24/18**					
Glyphosate	20.1	5.0	ug/l	25.0	*ND*	80	41-149			
Matrix Spike Dup (W8H1411-MSD1)	**Source: 8H22006-01**			**Prepared: 08/23/18**	**Analyzed: 08/24/18**					
Glyphosate	18.3	5.0	ug/l	25.0	*ND*	73	41-149	31	30	MS-05
Matrix Spike Dup (W8H1411-MSD2)	**Source: 8H22006-02**			**Prepared: 08/23/18**	**Analyzed: 08/24/18**					
Glyphosate	21.3	5.0	ug/l	25.0	*ND*	85	41-149	6	30	

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Quality Control Results

(Continued)

Haloacetic Acids (HAAs) by GC/ECD

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1508 - EPA 552.2/Micro Ext. Drtz										
Blank (W8H1508-BLK1)				**Prepared: 08/27/18**	**Analyzed: 08/28/18**					
Dibromoacetic acid (dbaa)	ND	1.0	ug/l							
Dichloroacetic acid (dcaa)	ND	1.0	ug/l							
HAA5, Total	ND	1.0	ug/l							
Monobromoacetic acid (mbaa)	ND	1.0	ug/l							
Monochloroacetic acid (mcaa)	ND	2.0	ug/l							
Trichloroacetic acid (tcaa)	ND	1.0	ug/l							
Surrogate(s)										
2,3-Dibromopropionic acid		*9.28*	*ug/l*	*10.0*		*93*	*70-130*			
LCS (W8H1508-BS1)				**Prepared: 08/27/18**	**Analyzed: 08/28/18**					
Dibromoacetic acid (dbaa)	9.47	1.0	ug/l	10.0		95	70-130			
Dichloroacetic acid (dcaa)	12.4	1.0	ug/l	10.0		124	70-130			
Monobromoacetic acid (mbaa)	10.5	1.0	ug/l	10.0		105	70-130			
Monochloroacetic acid (mcaa)	9.69	2.0	ug/l	10.0		97	70-130			
Trichloroacetic acid (tcaa)	9.97	1.0	ug/l	10.0		100	70-130			
Surrogate(s)										
2,3-Dibromopropionic acid		*10.2*	*ug/l*	*10.0*		*102*	*70-130*			
MRL Check (W8H1508-MRL1)				**Prepared: 08/27/18**	**Analyzed: 08/24/18**					
Dibromoacetic acid (dbaa)	8.93	1.0	ug/l	10.0		89	70-130			
Dichloroacetic acid (dcaa)	11.3	1.0	ug/l	10.0		113	70-130			
Monobromoacetic acid (mbaa)	9.94	1.0	ug/l	10.0		99	70-130			
Monochloroacetic acid (mcaa)	9.27	2.0	ug/l	10.0		93	70-130			
Trichloroacetic acid (tcaa)	11.3	1.0	ug/l	10.0		113	70-130			
Surrogate(s)										
2,3-Dibromopropionic acid		*9.69*	*ug/l*	*10.0*		*97*	*70-130*			
MRL Check (W8H1508-MRL2)				**Prepared: 08/27/18**	**Analyzed: 09/07/18**					
Dibromoacetic acid (dbaa)	ND	1.0	ug/l	10.0			70-130			
Dichloroacetic acid (dcaa)	ND	1.0	ug/l	10.0			70-130			
Monobromoacetic acid (mbaa)	ND	1.0	ug/l	10.0			70-130			
Monochloroacetic acid (mcaa)	ND	2.0	ug/l	10.0			70-130			
Trichloroacetic acid (tcaa)	ND	1.0	ug/l	10.0			70-130			
Surrogate(s)										
2,3-Dibromopropionic acid		*0.00*	*ug/l*	*10.0*			*70-130*			
MRL Check (W8H1508-MRL3)				**Prepared: 08/27/18**	**Analyzed: 09/07/18**					
Dibromoacetic acid (dbaa)	ND	1.0	ug/l	10.0			70-130			
Dichloroacetic acid (dcaa)	ND	1.0	ug/l	10.0			70-130			
Monobromoacetic acid (mbaa)	ND	1.0	ug/l	10.0			70-130			
Monochloroacetic acid (mcaa)	ND	2.0	ug/l	10.0			70-130			
Trichloroacetic acid (tcaa)	ND	1.0	ug/l	10.0			70-130			
Surrogate(s)										
2,3-Dibromopropionic acid		*0.00*	*ug/l*	*10.0*			*70-130*			
MRL Check (W8H1508-MRL4)				**Prepared: 08/27/18**	**Analyzed: 09/07/18**					
Dibromoacetic acid (dbaa)	ND	1.0	ug/l	10.0			70-130			
Dichloroacetic acid (dcaa)	ND	1.0	ug/l	10.0			70-130			
Monobromoacetic acid (mbaa)	ND	1.0	ug/l	10.0			70-130			

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Quality Control Results

(Continued)

Haloacetic Acids (HAAs) by GC/ECD (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1508 - EPA 552.2/Micro Ext. Drtz (Continued)										
MRL Check (W8H1508-MRL4)				**Prepared: 08/27/18**	**Analyzed: 09/07/18**					
Monochloroacetic acid (mcaa)	ND	2.0	ug/l	10.0			70-130			
Trichloroacetic acid (tcaa)	ND	1.0	ug/l	10.0			70-130			
Surrogate(s)										
2,3-Dibromopropionic acid	*0.00*		*ug/l*	*10.0*			*70-130*			
Matrix Spike (W8H1508-MS1)	**Source: 8H21104-01**			**Prepared: 08/27/18**	**Analyzed: 08/28/18**					
Dibromoacetic acid (dbaa)	11.8	1.0	ug/l	10.0	*2.27*	96	70-130			
Dichloroacetic acid (dcaa)	14.1	1.0	ug/l	10.0	*1.46*	127	70-130			
Monobromoacetic acid (mbaa)	9.93	1.0	ug/l	10.0	*ND*	99	70-130			
Monochloroacetic acid (mcaa)	10.6	2.0	ug/l	10.0	*ND*	106	70-130			
Trichloroacetic acid (tcaa)	10.8	1.0	ug/l	10.0	*0.920*	99	70-130			
Surrogate(s)										
2,3-Dibromopropionic acid	*10.8*		*ug/l*	*10.0*		*108*	*70-130*			
Matrix Spike (W8H1508-MS2)	**Source: 8H21104-02**			**Prepared: 08/27/18**	**Analyzed: 08/28/18**					
Dibromoacetic acid (dbaa)	11.9	1.0	ug/l	10.0	*2.68*	92	70-130			
Dichloroacetic acid (dcaa)	14.2	1.0	ug/l	10.0	*1.87*	124	70-130			
Monobromoacetic acid (mbaa)	9.75	1.0	ug/l	10.0	*ND*	98	70-130			
Monochloroacetic acid (mcaa)	10.4	2.0	ug/l	10.0	*ND*	104	70-130			
Trichloroacetic acid (tcaa)	11.2	1.0	ug/l	10.0	*1.02*	101	70-130			
Surrogate(s)										
2,3-Dibromopropionic acid	*10.1*		*ug/l*	*10.0*		*101*	*70-130*			
Matrix Spike Dup (W8H1508-MSD1)	**Source: 8H21104-01**			**Prepared: 08/27/18**	**Analyzed: 08/28/18**					
Dibromoacetic acid (dbaa)	11.6	1.0	ug/l	10.0	*2.27*	93	70-130	2	30	
Dichloroacetic acid (dcaa)	14.1	1.0	ug/l	10.0	*1.46*	126	70-130	0.5	30	
Monobromoacetic acid (mbaa)	9.88	1.0	ug/l	10.0	*ND*	99	70-130	0.5	30	
Monochloroacetic acid (mcaa)	10.5	2.0	ug/l	10.0	*ND*	105	70-130	1	30	
Trichloroacetic acid (tcaa)	11.0	1.0	ug/l	10.0	*0.920*	101	70-130	2	30	
Surrogate(s)										
2,3-Dibromopropionic acid	*10.1*		*ug/l*	*10.0*		*101*	*70-130*			
Matrix Spike Dup (W8H1508-MSD2)	**Source: 8H21104-02**			**Prepared: 08/27/18**	**Analyzed: 08/28/18**					
Dibromoacetic acid (dbaa)	12.9	1.0	ug/l	10.0	*2.68*	103	70-130	8	30	
Dichloroacetic acid (dcaa)	15.5	1.0	ug/l	10.0	*1.87*	136	70-130	8	30	MS-05
Monobromoacetic acid (mbaa)	10.7	1.0	ug/l	10.0	*ND*	107	70-130	9	30	
Monochloroacetic acid (mcaa)	11.1	2.0	ug/l	10.0	*ND*	111	70-130	7	30	
Trichloroacetic acid (tcaa)	12.1	1.0	ug/l	10.0	*1.02*	111	70-130	8	30	
Surrogate(s)										
2,3-Dibromopropionic acid	*11.5*		*ug/l*	*10.0*		*115*	*70-130*			

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Quality Control Results

(Continued)

Nitrosamines by isotopic dilution GC/MS CI Mode

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1396 - EPA 3535/SPE										
Blank (W8H1396-BLK1)				**Prepared: 08/23/18**	**Analyzed: 08/27/18**					
N-Nitrosodimethylamine	ND	2.0	ng/l							
LCS (W8H1396-BS1)				**Prepared: 08/23/18**	**Analyzed: 08/27/18**					
N-Nitrosodimethylamine	2.92	2.0	ng/l	3.00		97	50-150			
LCS Dup (W8H1396-BSD1)				**Prepared: 08/23/18**	**Analyzed: 08/27/18**					
N-Nitrosodimethylamine	2.90	2.0	ng/l	3.00		97	50-150	0.6	50	

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Quality Control Results

(Continued)

Semivolatile Organic Compounds by GC/MS

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1513 - EPA 525.2/SPE										
Blank (W8H1513-BLK1)				**Prepared: 08/27/18 Analyzed: 09/05/18**						
Alachlor	ND	0.10	ug/l							
Atrazine	ND	0.10	ug/l							
Benzo (a) pyrene	ND	0.10	ug/l							
Bis(2-ethylhexyl)adipate	ND	2.0	ug/l							
Bis(2-ethylhexyl)phthalate	ND	2.0	ug/l							
Bromacil	ND	0.50	ug/l							
Butachlor	ND	0.10	ug/l							
Captan	ND	1.0	ug/l							
Chlorpropham	ND	0.10	ug/l							
Cyanazine	ND	0.10	ug/l							
Diazinon	ND	0.10	ug/l							
Dimethoate	ND	0.20	ug/l							
Diphenamid	ND	0.10	ug/l							
Disulfoton	ND	0.10	ug/l							
EPTC	ND	0.10	ug/l							
Metolachlor	ND	0.10	ug/l							
Metribuzin	ND	0.10	ug/l							
Molinate	ND	0.10	ug/l							
Naphthalene	ND		ug/l							
Prometon	ND	0.10	ug/l							
Prometryn	ND	0.10	ug/l							
Propachlor	ND		ug/l							
Simazine	ND	0.10	ug/l							
Terbacil	ND	2.0	ug/l							
Thiobencarb	ND	0.10	ug/l							
Trithion	ND	0.10	ug/l							
Surrogate(s)										
1,3-Dimethyl-2-nitrobenzene		*5.03*	*ug/l*	*5.00*		*101*	*70-130*			
Perylene-d12		*3.89*	*ug/l*	*5.00*		*78*	*50-120*			
Triphenyl phosphate		*4.22*	*ug/l*	*5.00*		*84*	*70-130*			
LCS (W8H1513-BS1)				**Prepared: 08/27/18 Analyzed: 09/05/18**						
Alachlor	5.62	0.10	ug/l	5.00		112	70-130			
Atrazine	5.73	0.10	ug/l	5.00		115	70-130			
Benzo (a) pyrene	4.47	0.10	ug/l	5.00		89	60-130			
Bis(2-ethylhexyl)adipate	5.39	2.0	ug/l	5.00		108	70-130			
Bis(2-ethylhexyl)phthalate	5.54	2.0	ug/l	5.00		111	70-130			
Bromacil	5.01	0.50	ug/l	5.00		100	70-130			
Butachlor	5.19	0.10	ug/l	5.00		104	70-130			
Captan	4.07	1.0	ug/l	5.00		81	70-130			
Chlorpropham	5.58	0.10	ug/l	5.00		112	70-130			
Cyanazine	5.73	0.10	ug/l	5.00		115	70-130			
Diazinon	4.40	0.10	ug/l	5.00		88	50-120			
Dimethoate	3.73	0.20	ug/l	5.00		75	50-120			

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Quality Control Results

(Continued)

Semivolatile Organic Compounds by GC/MS (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1513 - EPA 525.2/SPE (Continued)										
LCS (W8H1513-BS1)				**Prepared: 08/27/18 Analyzed: 09/05/18**						
Diphenamid	5.66	0.10	ug/l	5.00		113	70-130			
Disulfoton	4.31	0.10	ug/l	5.00		86	50-120			
EPTC	5.20	0.10	ug/l	5.00		104	70-130			
Metolachlor	5.43	0.10	ug/l	5.00		109	60-130			
Metribuzin	5.18	0.10	ug/l	5.00		104	50-120			
Molinate	5.14	0.10	ug/l	5.00		103	70-130			
Naphthalene	4.51		ug/l	5.00		90	70-130			
Prometon	2.04	0.10	ug/l	5.00		41	15-120			
Prometryn	4.39	0.10	ug/l	5.00		88	30-120			
Simazine	4.74	0.10	ug/l	5.00		95	60-130			
Terbacil	5.25	2.0	ug/l	5.00		105	70-130			
Thiobencarb	5.15	0.10	ug/l	5.00		103	70-130			
Trithion	5.34	0.10	ug/l	5.00		107	70-130			
Surrogate(s)										
1,3-Dimethyl-2-nitrobenzene	*4.75*		*ug/l*	*5.00*		*95*	*70-130*			
Perylene-d12	*4.74*		*ug/l*	*5.00*		*95*	*50-120*			
Triphenyl phosphate	*5.44*		*ug/l*	*5.00*		*109*	*70-130*			
LCS Dup (W8H1513-BSD1)				**Prepared: 08/27/18 Analyzed: 09/05/18**						
Alachlor	5.74	0.10	ug/l	5.00		115	70-130	2	30	
Atrazine	5.61	0.10	ug/l	5.00		112	70-130	2	30	
Benzo (a) pyrene	4.49	0.10	ug/l	5.00		90	60-130	0.3	30	
Bis(2-ethylhexyl)adipate	5.40	2.0	ug/l	5.00		108	70-130	0.3	30	
Bis(2-ethylhexyl)phthalate	5.63	2.0	ug/l	5.00		113	70-130	2	30	
Bromacil	5.20	0.50	ug/l	5.00		104	70-130	4	30	
Butachlor	5.35	0.10	ug/l	5.00		107	70-130	3	30	
Captan	4.08	1.0	ug/l	5.00		82	70-130	0.4	30	
Chlorpropham	5.74	0.10	ug/l	5.00		115	70-130	3	30	
Cyanazine	6.06	0.10	ug/l	5.00		121	70-130	6	30	
Diazinon	4.15	0.10	ug/l	5.00		83	50-120	6	30	
Dimethoate	4.17	0.20	ug/l	5.00		83	50-120	11	30	
Diphenamid	5.62	0.10	ug/l	5.00		112	70-130	0.7	30	
Disulfoton	4.34	0.10	ug/l	5.00		87	50-120	0.5	30	
EPTC	5.44	0.10	ug/l	5.00		109	70-130	4	30	
Metolachlor	5.47	0.10	ug/l	5.00		109	60-130	0.8	30	
Metribuzin	5.65	0.10	ug/l	5.00		113	50-120	9	30	
Molinate	5.26	0.10	ug/l	5.00		105	70-130	2	30	
Naphthalene	4.92		ug/l	5.00		98	70-130	9	30	
Prometon	1.90	0.10	ug/l	5.00		38	15-120	7	30	
Prometryn	4.58	0.10	ug/l	5.00		92	30-120	4	30	
Simazine	4.78	0.10	ug/l	5.00		96	60-130	0.8	30	
Terbacil	5.97	2.0	ug/l	5.00		119	70-130	13	30	
Thiobencarb	5.32	0.10	ug/l	5.00		106	70-130	3	30	
Trithion	5.26	0.10	ug/l	5.00		105	70-130	2	30	

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Quality Control Results

(Continued)

Semivolatile Organic Compounds by GC/MS (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1513 - EPA 525.2/SPE (Continued)										
LCS Dup (W8H1513-BSD1)				**Prepared: 08/27/18**	**Analyzed: 09/05/18**					
Surrogate(s)										
1,3-Dimethyl-2-nitrobenzene		*5.18*	*ug/l*	*5.00*		*104*	*70-130*			
Perylene-d12		*4.82*	*ug/l*	*5.00*		*96*	*50-120*			
Triphenyl phosphate		*5.39*	*ug/l*	*5.00*		*108*	*70-130*			

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Notes and Definitions

Item	Definition
M-04	Due to the nature of matrix interferences, sample extract was diluted prior to analysis. The MDL and MRL were raised due to the dilution.
M-05	Due to the nature of matrix interferences, sample was diluted prior to analysis. The MDL and MRL were raised due to the dilution.
MS-05	The spike recovery and/or RPD were outside acceptance limits for the MS and/or MSD due to possible matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
QC-2	This QC sample was reanalyzed to complement samples that require re-analysis on different date. See analysis date.
R-01	The Reporting Limit for this analyte has been raised to account for matrix interference.
S-GC	Surrogate recovery outside of control limits due to a possible matrix effect . The data was accepted based on valid recovery of the remaining surrogate.
ND	NOT DETECTED at or above the Method Reporting Limit (MRL). If Method Detection Limit (MDL) is reported, then ND means not detected at or above the MDL.
Dil	Dilution
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
% Rec	Percent Recovery
Source	Sample that was matrix spiked or duplicated.
MDL	Method Detection Limit
MRL	The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence. The MRL is also known as Limit of Quantitation (LOQ) and Detection Limit for Reporting (DLR)
MDA	Minimum Detectable Activity
NR	Not Reportable
TIC	Tentatively Identified Compound (TIC) using mass spectrometry. The reported concentration is relative concentration based on the nearest internal standard. If the library search produces no matches at, or above 85%, the compound is reported as unknown.

Any remaining sample(s) will be disposed of one month from the final report date unless other arrangements are made in advance.
An Absence of Total Coliform meets the drinking water standards as established by the California State Water Resources Control Board (SWRCB)
All results are expressed on wet weight basis unless otherwise specified.
All samples collected by Weck Laboratories have been sampled in accordance to laboratory SOP Number MIS 002.

Reviewed by:

DRAFT REPORT
DATA SUBJECT TO CHANGE

This is a preliminary report and is produced for review and guidance purpose only and should not be considered final. Information in this report may be missing or may be changed. The information in this report applies to the samples analyzed in accordance with the chain-of-custody document. Weck Laboratories DOES NOT certify that the test results meet all requirements of TNI. Neither Weck Laboratories, Inc. nor any of its employees, contractors, subcontractors, or their employees make any warrant, expressed or implied, or assume any legal liability or responsibility for use of any information inscribed in this report.

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WECK LABORATORIES, INC.

Certificate of Analysis

FINAL REPORT

Work Orders: 8H27092

Project: 405734

Attn: Ranjit Clarke

Client: Enthalpy Analytical - Orange
931 West Barkley Avenue
Orange, CA 92868

Report Date: 9/14/2018
Received Date: 8/27/2018
Turnaround Time: Normal
Phones: (714) 771-6900
Fax: (714) 771-9933
P.O. #: 1024549
Billing Code:

DoD-ELAP #L2457 ● ELAP-CA #1132 ● EPA-UCMR #CA00211 ● Guam-EPA #17-008R ● HW-DOH # ● ISO 17025 #L2457.01 ● LACSD #10143 ● NELAP-CA #04229CA ● NELAP-OR #4047 ● NJ-DEP #CA015 ● NV-DEP #NAC 445A ● SCAQMD #93LA1006

This is a complete final report. The information in this report applies to the samples analyzed in accordance with the chain-of-custody document. Weck Laboratories certifies that the test results meet all requirements of TNI unless noted by qualifiers or written in the Case Narrative. This analytical report must be reproduced in its entirety.

Dear Ranjit Clarke,

Enclosed are the results of analyses for samples received 8/27/18 with the Chain-of-Custody document. The samples were received in good condition, at 5.7 °C and on ice. All analyses met the method criteria except as noted in the case narrative or in the report with data qualifiers.

Reviewed by:

Regina Giancola
Project Manager

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Enthalpy Analytical - Orange
931 West Barkley Avenue
Orange, CA 92868

Project Number: 405734

Project Manager: Ranjit Clarke

Reported:
09/14/2018 17:38

Sample Summary

Sample Name	Sampled By	Lab ID	Matrix	Sampled	Qualifiers
SMBRP-11 (405734-001)	Client	8H27092-01	Water	08/21/18 11:30	
MCWP-MW04S (405734-002)	Client	8H27092-02	Water	08/21/18 12:00	
MCWP-MW07S (405734-003)	Client	8H27092-03	Water	08/21/18 09:25	
MCWP-MW07D (405734-004)	Client	8H27092-04	Water	08/21/18 11:00	

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Enthalpy Analytical - Orange
931 West Barkley Avenue
Orange, CA 92868

Project Number: 405734

Project Manager: Ranjit Clarke

Reported:
09/14/2018 17:38

Sample Results

Sample: SMBRP-11 (405734-001)
8H27092-01 (Water)

Sampled: 08/21/18 11:30 by Client

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Hexavalent Chromium by IC							
Method: EPA 218.6 **Batch ID:** W8H1764 **Instr:** LC13			**Prepared:** 08/29/18 14:28			**Analyst:** blg	
Chromium 6+	ND	0.0048	0.020	ug/l	1	08/31/18 21:18	
Metals by EPA 200 Series Methods							
Method: EPA 200.8 **Batch ID:** W8H1624 **Instr:** ICPMS04			**Prepared:** 08/28/18 09:31			**Analyst:** rrl	
Aluminum, Total	**7200**	1.3	5.0	ug/l	1	09/04/18 15:57	
Antimony, Total	**0.29**	0.045	0.50	ug/l	1	09/04/18 15:57	J
Barium, Total	**91**	0.071	0.50	ug/l	1	09/04/18 15:57	
Beryllium, Total	**0.34**	0.033	0.10	ug/l	1	09/04/18 15:57	
Cadmium, Total	**0.61**	0.041	0.10	ug/l	1	09/04/18 15:57	
Chromium, Total	**22**	0.035	0.20	ug/l	1	09/04/18 15:57	
Copper, Total	**12**	0.13	0.50	ug/l	1	09/04/18 15:57	
Lead, Total	**3.1**	0.031	0.20	ug/l	1	09/04/18 15:57	
Nickel, Total	**32**	0.045	0.80	ug/l	1	09/04/18 15:57	
Silver, Total	ND	0.062	0.20	ug/l	1	09/04/18 15:57	
Thallium, Total	**0.086**	0.014	0.20	ug/l	1	09/04/18 15:57	J
Method: EPA 245.1 **Batch ID:** W8H1727 **Instr:** HG03			**Prepared:** 08/29/18 09:51			**Analyst:** gza	
Mercury, Total	ND	0.017	0.050	ug/l	1	08/29/18 15:37	

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Project Number: 405734

Project Manager: Ranjit Clarke

Reported:
09/14/2018 17:38

Sample Results

(Continued)

Sample: MCWP-MW04S (405734-002)
8H27092-02 (Water)

Sampled: 08/21/18 12:00 by Client

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Hexavalent Chromium by IC							
Method: EPA 218.6 **Batch ID:** W8H1764 **Instr:** LC13			**Prepared:** 08/29/18 14:28			**Analyst:** blg	
Chromium 6+	ND	0.0096	0.040	ug/l	2	08/31/18 21:30	M-05
Metals by EPA 200 Series Methods							
Method: EPA 200.8 **Batch ID:** W8H1624 **Instr:** ICPMS04			**Prepared:** 08/28/18 09:31			**Analyst:** rrl	
Aluminum, Total	**3500**	1.3	5.0	ug/l	1	09/04/18 16:02	
Antimony, Total	**1.3**	0.045	0.50	ug/l	1	09/04/18 16:02	
Barium, Total	**48**	0.071	0.50	ug/l	1	09/04/18 16:02	
Beryllium, Total	**0.11**	0.033	0.10	ug/l	1	09/04/18 16:02	
Cadmium, Total	**0.77**	0.041	0.10	ug/l	1	09/04/18 16:02	
Chromium, Total	**13**	0.035	0.20	ug/l	1	09/04/18 16:02	
Copper, Total	**13**	0.13	0.50	ug/l	1	09/04/18 16:02	
Lead, Total	**3.3**	0.031	0.20	ug/l	1	09/04/18 16:02	
Nickel, Total	**19**	0.045	0.80	ug/l	1	09/04/18 16:02	
Silver, Total	**0.062**	0.062	0.20	ug/l	1	09/04/18 16:02	J
Thallium, Total	**0.080**	0.014	0.20	ug/l	1	09/04/18 16:02	J
Method: EPA 245.1 **Batch ID:** W8H1727 **Instr:** HG03			**Prepared:** 08/29/18 09:51			**Analyst:** gza	
Mercury, Total	ND	0.017	0.050	ug/l	1	08/29/18 15:39	

Sample: MCWP-MW07S (405734-003)
8H27092-03 (Water)

Sampled: 08/21/18 9:25 by Client

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Metals by EPA 200 Series Methods							
Method: EPA 200.8 **Batch ID:** W8H1624 **Instr:** ICPMS04			**Prepared:** 08/28/18 09:31			**Analyst:** rrl	
Aluminum, Total	**6400**	1.3	5.0	ug/l	1	09/04/18 16:06	
Antimony, Total	**0.20**	0.045	0.50	ug/l	1	09/04/18 16:06	J
Barium, Total	**110**	0.071	0.50	ug/l	1	09/04/18 16:06	
Beryllium, Total	**0.25**	0.033	0.10	ug/l	1	09/04/18 16:06	
Cadmium, Total	**0.11**	0.041	0.10	ug/l	1	09/04/18 16:06	
Chromium, Total	**25**	0.035	0.20	ug/l	1	09/04/18 16:06	
Copper, Total	**7.2**	0.13	0.50	ug/l	1	09/04/18 16:06	
Lead, Total	**3.0**	0.031	0.20	ug/l	1	09/04/18 16:06	
Nickel, Total	**20**	0.045	0.80	ug/l	1	09/04/18 16:06	
Silver, Total	ND	0.062	0.20	ug/l	1	09/04/18 16:06	
Thallium, Total	**0.052**	0.014	0.20	ug/l	1	09/04/18 16:06	J
Method: EPA 245.1 **Batch ID:** W8H1727 **Instr:** HG03			**Prepared:** 08/29/18 09:51			**Analyst:** gza	
Mercury, Total	ND	0.017	0.050	ug/l	1	08/29/18 15:41	

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931 West Barkley Avenue
Orange, CA 92868

Project Number: 405734

Project Manager: Ranjit Clarke

Reported:
09/14/2018 17:38

Sample Results

(Continued)

Sample: MCWP-MW07S (405734-003) — Sampled: 08/21/18 9:25 by Client

8H27092-03RE1 (Water)

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Hexavalent Chromium by IC							
Method: EPA 218.6 **Batch ID:** W8I0321 **Instr:** LC13			**Prepared:** 09/04/18 08:09			**Analyst:** blg	
Chromium 6+	**0.36**	0.096	0.40	ug/l	20	09/04/18 08:45	M-05, J

Sample: MCWP-MW07D (405734-004) — Sampled: 08/21/18 11:00 by Client

8H27092-04 (Water)

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Hexavalent Chromium by IC							
Method: EPA 218.6 **Batch ID:** W8H1764 **Instr:** LC13			**Prepared:** 08/29/18 14:28			**Analyst:** blg	
Chromium 6+	ND	0.0048	0.020	ug/l	1	08/31/18 22:41	
Metals by EPA 200 Series Methods							
Method: EPA 200.8 **Batch ID:** W8H1624 **Instr:** ICPMS04			**Prepared:** 08/28/18 09:31			**Analyst:** rrl	
Aluminum, Total	**230**	1.3	5.0	ug/l	1	09/04/18 16:10	
Antimony, Total	**0.14**	0.045	0.50	ug/l	1	09/04/18 16:10	J
Barium, Total	**52**	0.071	0.50	ug/l	1	09/04/18 16:10	
Beryllium, Total	ND	0.033	0.10	ug/l	1	09/04/18 16:10	
Cadmium, Total	**0.41**	0.041	0.10	ug/l	1	09/04/18 16:10	
Chromium, Total	**1.3**	0.035	0.20	ug/l	1	09/04/18 16:10	
Copper, Total	**3.2**	0.13	0.50	ug/l	1	09/04/18 16:10	
Lead, Total	**0.10**	0.031	0.20	ug/l	1	09/04/18 16:10	J
Nickel, Total	**3.8**	0.045	0.80	ug/l	1	09/04/18 16:10	
Silver, Total	**0.11**	0.062	0.20	ug/l	1	09/04/18 16:10	J
Thallium, Total	ND	0.014	0.20	ug/l	1	09/04/18 16:10	
Method: EPA 245.1 **Batch ID:** W8H1727 **Instr:** HG03			**Prepared:** 08/29/18 09:51			**Analyst:** gza	
Mercury, Total	ND	0.017	0.050	ug/l	1	08/29/18 15:43	

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Enthalpy Analytical - Orange
931 West Barkley Avenue
Orange, CA 92868

Project Number: 405734

Project Manager: Ranjit Clarke

Reported:
09/14/2018 17:38

Quality Control Results

Hexavalent Chromium by IC

Analyte	Result	MDL	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1764 - EPA 218.6											
Blank (W8H1764-BLK1)					**Prepared: 08/29/18 Analyzed: 08/31/18**						
Chromium 6+	ND	0.0048	0.020	ug/l							
LCS (W8H1764-BS1)					**Prepared: 08/29/18 Analyzed: 08/31/18**						
Chromium 6+	5.04	0.0048	0.020	ug/l	5.00		101	90-110			
Matrix Spike (W8H1764-MS1)				**Source: 8H02030-01**	**Prepared: 08/29/18 Analyzed: 08/31/18**						
Chromium 6+	4.97	0.0048	0.020	ug/l	5.00	0.129	97	88-112			
Matrix Spike (W8H1764-MS2)				**Source: 8H13040-01RE1**	**Prepared: 08/29/18 Analyzed: 08/31/18**						
Chromium 6+	8.38	0.0048	0.020	ug/l	5.00	3.49	98	88-112			
Matrix Spike Dup (W8H1764-MSD1)				**Source: 8H02030-01**	**Prepared: 08/29/18 Analyzed: 08/31/18**						
Chromium 6+	5.27	0.0048	0.020	ug/l	5.00	0.129	103	88-112	6	10	
Matrix Spike Dup (W8H1764-MSD2)				**Source: 8H13040-01RE1**	**Prepared: 08/29/18 Analyzed: 08/31/18**						
Chromium 6+	8.25	0.0048	0.020	ug/l	5.00	3.49	95	88-112	1	10	
Batch: W8I0321 - EPA 218.6											
Blank (W8I0321-BLK1)					**Prepared & Analyzed: 09/04/18**						
Chromium 6+	ND	0.0048	0.020	ug/l							
LCS (W8I0321-BS1)					**Prepared & Analyzed: 09/04/18**						
Chromium 6+	5.04	0.0048	0.020	ug/l	5.00		101	90-110			
LCS Dup (W8I0321-BSD1)					**Prepared & Analyzed: 09/04/18**						
Chromium 6+	5.12	0.0048	0.020	ug/l	5.00		102	90-110	2	10	

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Project Manager: Ranjit Clarke

Reported:
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Quality Control Results

(Continued)

Metals by EPA 200 Series Methods

Analyte	Result	MDL	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1624 - EPA 200.8											
Blank (W8H1624-BLK1)					**Prepared: 08/28/18 Analyzed: 09/04/18**						
Aluminum, Total	ND	1.3	5.0	ug/l							
Antimony, Total	0.0493	0.045	0.50	ug/l							B-07, J
Barium, Total	ND	0.071	0.50	ug/l							
Beryllium, Total	ND	0.033	0.10	ug/l							
Cadmium, Total	ND	0.041	0.10	ug/l							
Chromium, Total	ND	0.035	0.20	ug/l							
Copper, Total	ND	0.13	0.50	ug/l							
Lead, Total	ND	0.031	0.20	ug/l							
Nickel, Total	ND	0.045	0.80	ug/l							
Silver, Total	ND	0.062	0.20	ug/l							
Thallium, Total	ND	0.014	0.20	ug/l							
LCS (W8H1624-BS1)					**Prepared: 08/28/18 Analyzed: 09/04/18**						
Aluminum, Total	51.7	1.3	5.0	ug/l	50.0		103	85-115			
Antimony, Total	49.0	0.045	0.50	ug/l	50.0		98	85-115			
Barium, Total	50.1	0.071	0.50	ug/l	50.0		100	85-115			
Beryllium, Total	50.1	0.033	0.10	ug/l	50.0		100	85-115			
Cadmium, Total	49.7	0.041	0.10	ug/l	50.0		99	85-115			
Chromium, Total	49.9	0.035	0.20	ug/l	50.0		100	85-115			
Copper, Total	50.8	0.13	0.50	ug/l	50.0		102	85-115			
Lead, Total	50.6	0.031	0.20	ug/l	50.0		101	85-115			
Nickel, Total	51.0	0.045	0.80	ug/l	50.0		102	85-115			
Silver, Total	50.0	0.062	0.20	ug/l	50.0		100	85-115			
Thallium, Total	50.8	0.014	0.20	ug/l	50.0		102	85-115			
Matrix Spike (W8H1624-MS1)	**Source: 8H27092-01**				**Prepared: 08/28/18 Analyzed: 09/04/18**						
Aluminum, Total	7690	1.3	5.0	ug/l	50.0	7240	915	70-130			MS-02
Antimony, Total	32.2	0.045	0.50	ug/l	50.0	0.290	64	70-130			MS-01
Barium, Total	144	0.071	0.50	ug/l	50.0	91.4	106	70-130			
Beryllium, Total	50.7	0.033	0.10	ug/l	50.0	0.344	101	70-130			
Cadmium, Total	48.1	0.041	0.10	ug/l	50.0	0.613	95	70-130			
Chromium, Total	71.5	0.035	0.20	ug/l	50.0	21.8	99	70-130			
Copper, Total	56.3	0.13	0.50	ug/l	50.0	11.7	89	70-130			
Lead, Total	51.4	0.031	0.20	ug/l	50.0	3.11	97	70-130			
Nickel, Total	77.4	0.045	0.80	ug/l	50.0	32.5	90	70-130			
Silver, Total	45.5	0.062	0.20	ug/l	50.0	ND	91	70-130			
Thallium, Total	49.5	0.014	0.20	ug/l	50.0	0.0863	99	70-130			
Matrix Spike Dup (W8H1624-MSD1)	**Source: 8H27092-01**				**Prepared: 08/28/18 Analyzed: 09/04/18**						
Aluminum, Total	7970	1.3	5.0	ug/l	50.0	7240	NR	70-130	3	30	MS-02
Antimony, Total	33.4	0.045	0.50	ug/l	50.0	0.290	66	70-130	4	30	MS-01
Barium, Total	147	0.071	0.50	ug/l	50.0	91.4	111	70-130	2	30	

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Orange, CA 92868

Project Number: 405734

Project Manager: Ranjit Clarke

Reported:
09/14/2018 17:38

Quality Control Results

(Continued)

Metals by EPA 200 Series Methods (Continued)

Analyte	Result	MDL	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1624 - EPA 200.8 (Continued)											
Matrix Spike Dup (W8H1624-MSD1)	**Source: 8H27092-01**				**Prepared: 08/28/18**	**Analyzed: 09/04/18**					
Beryllium, Total	50.8	0.033	0.10	ug/l	50.0	0.344	101	70-130	0.2	30	
Cadmium, Total	48.7	0.041	0.10	ug/l	50.0	0.613	96	70-130	1	30	
Chromium, Total	72.3	0.035	0.20	ug/l	50.0	21.8	101	70-130	1	30	
Copper, Total	62.5	0.13	0.50	ug/l	50.0	11.7	101	70-130	10	30	
Lead, Total	52.0	0.031	0.20	ug/l	50.0	3.11	98	70-130	1	30	
Nickel, Total	78.2	0.045	0.80	ug/l	50.0	32.5	92	70-130	1	30	
Silver, Total	45.2	0.062	0.20	ug/l	50.0	ND	90	70-130	0.8	30	
Thallium, Total	50.0	0.014	0.20	ug/l	50.0	0.0863	100	70-130	1	30	
Batch: W8H1727 - EPA 245.1											
Blank (W8H1727-BLK1)					**Prepared & Analyzed: 08/29/18**						
Mercury, Total	ND	0.017	0.050	ug/l							
LCS (W8H1727-BS1)					**Prepared & Analyzed: 08/29/18**						
Mercury, Total	0.999	0.017	0.050	ug/l	1.00		100	85-115			
Matrix Spike (W8H1727-MS1)	**Source: 8H27094-01**				**Prepared & Analyzed: 08/29/18**						
Mercury, Total	0.958	0.017	0.050	ug/l	1.00	ND	96	70-130			
Matrix Spike (W8H1727-MS2)	**Source: 8H27094-02**				**Prepared & Analyzed: 08/29/18**						
Mercury, Total	0.960	0.017	0.050	ug/l	1.00	ND	96	70-130			
Matrix Spike Dup (W8H1727-MSD1)	**Source: 8H27094-01**				**Prepared & Analyzed: 08/29/18**						
Mercury, Total	0.953	0.017	0.050	ug/l	1.00	ND	95	70-130	0.5	20	
Matrix Spike Dup (W8H1727-MSD2)	**Source: 8H27094-02**				**Prepared & Analyzed: 08/29/18**						
Mercury, Total	1.03	0.017	0.050	ug/l	1.00	ND	103	70-130	7	20	

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Orange, CA 92868

Project Number: 405734

Project Manager: Ranjit Clarke

Reported:
09/14/2018 17:38

Notes and Definitions

Item	Definition
B-07	This analyte was found in the method blank at levels above the MDL but below the reporting limit.
J	Estimated conc. detected <MRL and >MDL.
M-05	Due to the nature of matrix interferences, sample was diluted prior to analysis. The MDL and MRL were raised due to the dilution.
MS-01	The spike recovery for this QC sample is outside of established control limits possibly due to sample matrix interference.
MS-02	The RPD and/or percent recovery for this QC spike sample cannot be accurately calculated due to the high concentration of analyte inherent in the sample.
ND	NOT DETECTED at or above the Method Reporting Limit (MRL). If Method Detection Limit (MDL) is reported, then ND means not detected at or above the MDL.
Dil	Dilution
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
% Rec	Percent Recovery
Source	Sample that was matrix spiked or duplicated.
MDL	Method Detection Limit
MRL	The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence. The MRL is also known as Limit of Quantitation (LOQ) and Detection Limit for Reporting (DLR)
MDA	Minimum Detectable Activity
NR	Not Reportable
TIC	Tentatively Identified Compound (TIC) using mass spectrometry. The reported concentration is relative concentration based on the nearest internal standard. If the library search produces no matches at, or above 85%, the compound is reported as unknown.

Any remaining sample(s) will be disposed of one month from the final report date unless other arrangements are made in advance.
An Absence of Total Coliform meets the drinking water standards as established by the California State Water Resources Control Board (SWRCB)
All results are expressed on wet weight basis unless otherwise specified.
All samples collected by Weck Laboratories have been sampled in accordance to laboratory SOP Number MIS 002.

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Greensburg, PA 15601
(724)850-5600

September 17, 2018

Ranjit Clarke
Enthalpy Analytical
806 N. Batavia St.
Orange, CA 92868

RE: Project: 405734
Pace Project No.: 30263299

Dear Ranjit Clarke:
Enclosed are the analytical results for sample(s) received by the laboratory on August 24, 2018. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Jacquelyn Collins
jacquelyn.collins@pacelabs.com
(724)850-5612
Project Manager

Enclosures

cc: Hongling Cao, Enthalpy Analytical
Ms. Cam Pham, Enthalpy Analytical
Incoming Reports, Enthalpy Analytical

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CERTIFICATIONS

Project: 405734
Pace Project No.: 30263299

Pennsylvania Certification IDs

1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANAB DOD-ELAP Rad Accreditation #: L2417
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 04222CA
Colorado Certification #: PA01547
Connecticut Certification #: PH-0694
Delaware Certification
EPA Region 4 DW Rad
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas/TNI Certification #: E-10358
Kentucky Certification #: KY90133
KY WW Permit #: KY0098221
KY WW Permit #: KY0000221
Louisiana DHH/TNI Certification #: LA180012
Louisiana DEQ/TNI Certification #: 4086
Maine Certification #: 2017020
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification #: 9991
Missouri Certification #: 235
Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572018-1
New Hampshire/TNI Certification #: 297617
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Ohio EPA Rad Approval: #41249
Oregon/TNI Certification #: PA200002-010
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: 02867
Texas/TNI Certification #: T104704188-17-3
Utah/TNI Certification #: PA014572017-9
USDA Soil Permit #: P330-17-00091
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 9526
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Approve List for Rad
Wyoming Certification #: 8TMS-L

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SAMPLE SUMMARY

Project: 405734
Pace Project No.: 30263299

Lab ID	Sample ID	Matrix	Date Collected	Date Received
30263299001	**405734-001**	Water	08/21/18 11:30	08/24/18 10:00
30263299002	**405734-002**	Water	08/21/18 12:00	08/24/18 10:00
30263299003	**405734-003**	Water	08/21/18 09:25	08/24/18 10:00
30263299004	**405734-004**	Water	08/21/18 11:00	08/24/18 10:00

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SAMPLE ANALYTE COUNT

Project: 405734
Pace Project No.: 30263299

Lab ID	Sample ID	Method	Analysts	Analytes Reported
30263299001	**405734-001**	EPA 900.0	NJV	2
		EPA 903.1	MK1	1
		EPA 904.0	JLW	1
		ASTM D5811-95	LAL	1
		EPA 906.0	NJV	1
		ASTM D5174-97	RMK	1
30263299002	**405734-002**	EPA 900.0	NJV	2
		EPA 903.1	MK1	1
		EPA 904.0	JLW	1
		ASTM D5811-95	LAL	1
		EPA 906.0	NJV	1
		ASTM D5174-97	RMK	1
30263299003	**405734-003**	EPA 900.0	NJV	2
		EPA 903.1	MK1	1
		EPA 904.0	JLW	1
		ASTM D5811-95	LAL	1
		EPA 906.0	NJV	1
		ASTM D5174-97	RMK	1
30263299004	**405734-004**	EPA 900.0	NJV	2
		EPA 903.1	MK1	1
		EPA 904.0	JLW	1
		ASTM D5811-95	LAL	1
		EPA 906.0	NJV	1
		ASTM D5174-97	RMK	1

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: 405734
Pace Project No.: 30263299

Sample: 405734-001 **Lab ID: 30263299001** Collected: 08/21/18 11:30 Received: 08/24/18 10:00 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
Gross Alpha	EPA 900.0	**7.69 ± 3.60 (4.69) C:NA T:NA**	pCi/L	09/06/18 19:16	12587-46-1	
Gross Beta	EPA 900.0	**8.54 ± 3.53 (5.46) C:NA T:NA**	pCi/L	09/06/18 19:16	12587-47-2	
Radium-226	EPA 903.1	**0.560 ± 0.517 (0.753) C:NA T:73%**	pCi/L	09/06/18 21:28	13982-63-3	
Radium-228	EPA 904.0	**4.03 ± 1.15 (1.43) C:65% T:68%**	pCi/L	09/05/18 12:02	15262-20-1	
Strontium-90	ASTM D5811-95	**0.173 ± 0.379 (0.706) C:92% T:NA**	pCi/L	09/04/18 19:39	10098-97-2	N2
Tritium	EPA 906.0	**14.5 ± 135 (239) C:NA T:NA**	pCi/L	09/02/18 03:26	10028-17-8	
Total Uranium	ASTM D5174-97	**3.54 ± 0.109 (0.262) C:NA T:NA**	ug/L	09/17/18 18:33	7440-61-1	

Sample: 405734-002 **Lab ID: 30263299002** Collected: 08/21/18 12:00 Received: 08/24/18 10:00 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
Gross Alpha	EPA 900.0	**75.2 ± 24.4 (23.2) C:NA T:NA**	pCi/L	09/06/18 19:16	12587-46-1	
Gross Beta	EPA 900.0	**22.8 ± 17.8 (31.7) C:NA T:NA**	pCi/L	09/06/18 19:16	12587-47-2	
Radium-226	EPA 903.1	**0.474 ± 0.371 (0.436) C:NA T:85%**	pCi/L	09/06/18 21:42	13982-63-3	
Radium-228	EPA 904.0	**0.582 ± 0.457 (0.911) C:72% T:83%**	pCi/L	09/05/18 12:02	15262-20-1	
Strontium-90	ASTM D5811-95	**0.760 ± 0.837 (1.52) C:88% T:NA**	pCi/L	09/04/18 18:05	10098-97-2	N2
Tritium	EPA 906.0	**-17.5 ± 134 (239) C:NA T:NA**	pCi/L	09/02/18 04:27	10028-17-8	
Total Uranium	ASTM D5174-97	**125 ± 3.674 (5.240) C:NA T:NA**	ug/L	09/17/18 18:54	7440-61-1	

Sample: 405734-003 **Lab ID: 30263299003** Collected: 08/21/18 09:25 Received: 08/24/18 10:00 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
Gross Alpha	EPA 900.0	**22.3 ± 6.33 (4.96) C:NA T:NA**	pCi/L	09/06/18 18:33	12587-46-1	
Gross Beta	EPA 900.0	**12.7 ± 3.81 (4.63) C:NA T:NA**	pCi/L	09/06/18 18:33	12587-47-2	
Radium-226	EPA 903.1	**0.484 ± 0.379 (0.445) C:NA T:84%**	pCi/L	09/06/18 21:42	13982-63-3	
Radium-228	EPA 904.0	**2.22 ± 1.35 (2.53) C:73% T:29%**	pCi/L	09/05/18 12:03	15262-20-1	
Strontium-90	ASTM D5811-95	**-0.0340 ± 0.630 (1.20) C:93% T:NA**	pCi/L	09/04/18 18:05	10098-97-2	N2
Tritium	EPA 906.0	**58.0 ± 141 (242) C:NA T:NA**	pCi/L	09/08/18 10:17	10028-17-8	
Total Uranium	ASTM D5174-97	**6.63 ± 0.202 (0.262) C:NA T:NA**	ug/L	09/17/18 18:39	7440-61-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: 405734
Pace Project No.: 30263299

Sample: 405734-004 **Lab ID: 30263299004** Collected: 08/21/18 11:00 Received: 08/24/18 10:00 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
Gross Alpha	EPA 900.0	**20.6 ± 10.5 (16.7) C:NA T:NA**	pCi/L	09/06/18 18:33	12587-46-1	
Gross Beta	EPA 900.0	**8.25 ± 4.39 (7.24) C:NA T:NA**	pCi/L	09/06/18 18:33	12587-47-2	
Radium-226	EPA 903.1	**0.565 ± 0.413 (0.462) C:NA T:88%**	pCi/L	09/06/18 21:42	13982-63-3	
Radium-228	EPA 904.0	**0.395 ± 0.468 (0.988) C:75% T:71%**	pCi/L	09/05/18 12:04	15262-20-1	
Strontium-90	ASTM D5811-95	**-0.252 ± 0.435 (0.847) C:88% T:NA**	pCi/L	09/04/18 18:05	10098-97-2	N2
Tritium	EPA 906.0	**-72.6 ± 132 (242) C:NA T:NA**	pCi/L	09/08/18 11:18	10028-17-8	
Total Uranium	ASTM D5174-97	**27.4 ± 0.824 (1.048) C:NA T:NA**	ug/L	09/17/18 18:57	7440-61-1	

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL - RADIOCHEMISTRY

Project: 405734
Pace Project No.: 30263299

QC Batch: 311289 Analysis Method: ASTM D5811-95
QC Batch Method: ASTM D5811-95 Analysis Description: ASTM D5811 Sr 89/90 Eichrom
Associated Lab Samples: 30263299001, 30263299002, 30263299003, 30263299004

METHOD BLANK: 1520263 Matrix: Water
Associated Lab Samples: 30263299001, 30263299002, 30263299003, 30263299004

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Strontium-90	0.0440 ± 0.170 (0.321) C:100% T:NA	pCi/L	09/04/18 18:04	N2

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QUALITY CONTROL - RADIOCHEMISTRY

Project: 405734
Pace Project No.: 30263299

QC Batch: 311628 Analysis Method: EPA 900.0
QC Batch Method: EPA 900.0 Analysis Description: 900.0 Gross Alpha/Beta
Associated Lab Samples: 30263299001, 30263299002, 30263299003, 30263299004

METHOD BLANK: 1521862 Matrix: Water
Associated Lab Samples: 30263299001, 30263299002, 30263299003, 30263299004

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Gross Alpha	0.174 ± 0.383 (0.760) C:NA T:NA	pCi/L	09/06/18 18:34	
Gross Beta	0.349 ± 0.535 (1.03) C:NA T:NA	pCi/L	09/06/18 18:34	

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QUALITY CONTROL - RADIOCHEMISTRY

Project: 405734
Pace Project No.: 30263299

QC Batch: 311138 Analysis Method: EPA 904.0
QC Batch Method: EPA 904.0 Analysis Description: 904.0 Radium 228
Associated Lab Samples: 30263299001, 30263299002, 30263299003, 30263299004

METHOD BLANK: 1519688 Matrix: Water
Associated Lab Samples: 30263299001, 30263299002, 30263299003, 30263299004

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.322 ± 0.400 (0.848) C:72% T:78%	pCi/L	09/05/18 12:01	

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QUALITY CONTROL - RADIOCHEMISTRY

Project: 405734
Pace Project No.: 30263299

QC Batch: 311433 Analysis Method: EPA 906.0
QC Batch Method: EPA 906.0 Analysis Description: 906.0 Tritium
Associated Lab Samples: 30263299001, 30263299002

METHOD BLANK: 1520914 Matrix: Water
Associated Lab Samples: 30263299001, 30263299002

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Tritium	102 ± 143 (240) C:NA T:NA	pCi/L	09/01/18 08:02	

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Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL - RADIOCHEMISTRY

Project: 405734
Pace Project No.: 30263299

QC Batch: 311373 Analysis Method: ASTM D5174-97
QC Batch Method: ASTM D5174-97 Analysis Description: D5174.97 Total Uranium KPA
Associated Lab Samples: 30263299001, 30263299002, 30263299003, 30263299004

METHOD BLANK: 1520578 Matrix: Water
Associated Lab Samples: 30263299001, 30263299002, 30263299003, 30263299004

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Total Uranium	0.132 ± 0.005 (0.262) C:NA T:NA	ug/L	09/06/18 14:33	

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(724)850-5600

QUALITY CONTROL - RADIOCHEMISTRY

Project: 405734
Pace Project No.: 30263299

QC Batch: 311136 Analysis Method: EPA 903.1
QC Batch Method: EPA 903.1 Analysis Description: 903.1 Radium-226
Associated Lab Samples: 30263299001, 30263299002, 30263299003, 30263299004

METHOD BLANK: 1519686 Matrix: Water
Associated Lab Samples: 30263299001, 30263299002, 30263299003, 30263299004

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.362 ± 0.337 (0.444) C:NA T:88%	pCi/L	09/06/18 21:00	

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(724)850-5600

QUALITY CONTROL - RADIOCHEMISTRY

Project: 405734
Pace Project No.: 30263299

QC Batch: 311887 Analysis Method: EPA 906.0
QC Batch Method: EPA 906.0 Analysis Description: 906.0 Tritium
Associated Lab Samples: 30263299003, 30263299004

METHOD BLANK: 1523088 Matrix: Water
Associated Lab Samples: 30263299003, 30263299004

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Tritium	-43.6 ± 134 (242) C:NA T:NA	pCi/L	09/08/18 08:14	

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Greensburg, PA 15601
(724)850-5600

QUALIFIERS

Project: 405734
Pace Project No.: 30263299

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Act - Activity

Unc - Uncertainty: For Safe Drinking Water Act (SDWA) analyses, the reported Unc. Is the calculated Count Uncertainty (95% confidence interval) using a coverage factor of 1.96. For all other matrices (non-SDWA), the reported Unc. is the calculated Expanded Uncertainty (aka Combined Standard Uncertainty, CSU), reported at the 95% confidence interval using a coverage factor of 1.96.

Gamma Spec: The Unc. reported for all gamma-spectroscopy analyses (EPA 901.1), is the calculated Expanded Uncertainty (CSU) at the 95.4% confidence interval, using a coverage factor of 2.0.

(MDC) - Minimum Detectable Concentration

Trac - Tracer Recovery (%)

Carr - Carrier Recovery (%)

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

N2	The lab does not hold NELAC/TNI accreditation for this parameter.

REPORT OF LABORATORY ANALYSIS

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Enthalpy Analytical
Formerly Associated Labs
1 Park Plaza, Suite 1000
Irvine, CA 92614
Tel: 714.771.6900 Fax: 714.538.1209
info-sc@enthalpy.com

MONTROSE

Subcontract Laboratory:

Pace PA - Sub
1638 Roseytown Rd., Suite
Greensburg, PA 15601
724-850-5600
ATTN: Jacquelyn Collins
PO# 1024411

Project: 405734 **Due:**
PM: Ranjit Clarke
Email: ranjit.clarke@enthalpy.com
CC: incomingreports@enthalpy.com

Require: ☑ EDD ☐ EDF ☐ EDT

Report To: ☑ MDL

Note:

Matrix	Sampled	Sample ID	Analysis	Comment
Water	08/21/18 11:30	SMBRP-11 (405734-001)	900.0 Gross Alpha and Beta	001
Water	08/21/18 11:30	SMBRP-11 (405734-001)	903.1 Radiuum-226	
Water	08/21/18 11:30	SMBRP-11 (405734-001)	904.0 Radium-228	
Water	08/21/18 11:30	SMBRP-11 (405734-001)	905.0 Strontium-90	
Water	08/21/18 11:30	SMBRP-11 (405734-001)	906.0 Tritium	
Water	08/21/18 11:30	SMBRP-11 (405734-001)	908.0 Uranium	
Water	08/21/18 12:00	MCWP-MW04S (405734-002)	900.0 Gross Alpha and Beta	002
Water	08/21/18 12:00	MCWP-MW04S (405734-002)	903.1 Radiuum-226	
Water	08/21/18 12:00	MCWP-MW04S (405734-002)	904.0 Radium-228	
Water	08/21/18 12:00	MCWP-MW04S (405734-002)	905.0 Strontium-90	
Water	08/21/18 12:00	MCWP-MW04S (405734-002)	906.0 Tritium	
Water	08/21/18 12:00	MCWP-MW04S (405734-002)	908.0 Uranium	
Water	08/21/18 09:25	MCWP-MW07S (405734-003)	900.0 Gross Alpha and Beta	003
Water	08/21/18 09:25	MCWP-MW07S (405734-003)	903.1 Radiuum-226	
Water	08/21/18 09:25	MCWP-MW07S (405734-003)	904.0 Radium-228	
Water	08/21/18 09:25	MCWP-MW07S (405734-003)	905.0 Strontium-90	
Water	08/21/18 09:25	MCWP-MW07S (405734-003)	906.0 Tritium	
Water	08/21/18 09:25	MCWP-MW07S (405734-003)	908.0 Uranium	
Water	08/21/18 11:00	MCWP-MW07D (405734-004)	900.0 Gross Alpha and Beta	004
Water	08/21/18 11:00	MCWP-MW07D (405734-004)	903.1 Radiuum-226	
Water	08/21/18 11:00	MCWP-MW07D (405734-004)	904.0 Radium-228	
Water	08/21/18 11:00	MCWP-MW07D (405734-004)	905.0 Strontium-90	
Water	08/21/18 11:00	MCWP-MW07D (405734-004)	906.0 Tritium	
Water	08/21/18 11:00	MCWP-MW07D (405734-004)	908.0 Uranium	

Note:
Standard TAT

Strontium-90: ASTM D5811-95 is o.k. if matrix calls for it instead of EPA 905.0
Uranium: ASTM D5174-97 is o.k. if matrix calls for it instead of EPA 908.0

Relinquished By	Received By:
	Emily Kyse
Date/Time 8/23/18 14:30	Date/Time 8-24-18 1000
Date/Time	Date/Time

WO# : 30263299

30263299

405734-04 08/22/18 11:52 RC

Pittsburgh Lab Sample Condition Upon Receipt

Face Analytical

Client Name: Enthalpy Analytical Project # 30263299

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other _____

Label ET

Tracking #: 773052584020

LIMS Login 1111

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact: ☐ yes ☑ no

Thermometer Used N/A Type of Ice: Wet Blue (None)

Cooler Temperature Observed Temp _____ °C Correction Factor: _____ °C Final Temp: _____ °C

Temp should be above freezing to 6°C

pH paper Lot# 10034671 Date and Initials of person examining contents: ET 8-24-18

Comments:	Yes	No	N/A	
Chain of Custody Present:	✓			1.
Chain of Custody Filled Out:	✓			2.
Chain of Custody Relinquished:	✓			3.
Sampler Name & Signature on COC:		✓		4.
Sample Labels match COC: -Includes date/time/ID Matrix: WT	✓			5.
Samples Arrived within Hold Time:	✓			6.
Short Hold Time Analysis (<72hr remaining):		✓		7.
Rush Turn Around Time Requested:		✓		8.
Sufficient Volume:	✓			9.
Correct Containers Used: -Pace Containers Used:	✓	✓		10.
Containers Intact:	✓			11.
Orthophosphate field filtered			✓	12.
Hex Cr Aqueous Compliance/NPDES sample field filtered			✓	13.
Organic Samples checked for dechlorination:			✓	14.
Filtered volume received for Dissolved tests			✓	15.
All containers have been checked for preservation.	✓			16. added 2.5m 5.0mL of HNO3 to all samples ET8-2448
All containers needing preservation are found to be in compliance with EPA recommendation.		✓		
exceptions: VOA, coliform, TOC, O&G, Phenolics				Initial when completed ET Date/time of preservation 8-24-18 14:55
				Lot # of added preservative HL18-0898
Headspace in VOA Vials (>6mm):			✓	17.
Trip Blank Present:		✓		18.
Trip Blank Custody Seals Present		✓		
Rad Aqueous Samples Screened > 0.5 mrem/hr		✓		Initial when completed: ET Date: 8-24-18

Client Notification/ Resolution:

Person Contacted: _____ Date/Time: _____ Contacted By: _____

Comments/ Resolution: _____

☐ **A check in this box indicates that additional information has been stored in ereports.**

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)

*PM review is documented electronically in LIMS. When the Project Manager closes the SRF Review schedule in LIMS. The review is in the Status section of the Workorder Edit Screen.

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WORK ORDER NUMBER: 18-08-1809

The difference is service



AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: Enthalpy Analytical, Inc.

Client Project Name: 405734

Attention: Ranjit Clarke
931 W. Barkley Avenue
Orange, CA 92868-1208

Sheila Lau for

Approved for release on 09/04/2018 by:
Xuan Dang
Project Manager

ResultLink

Email your PM

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Client Project Name: 405734
Work Order Number: 18-08-1809

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2 Sample Summary. 4

3 Detections Summary. 5

4 Client Sample Data. 6
4.1 SM 5210 B Biochemical Oxygen Demand (Aqueous). 6

5 Quality Control Sample Data. 7
5.1 Sample Duplicate. 7

6 Glossary of Terms and Qualifiers. 8

7 Chain-of-Custody/Sample Receipt Form. 9

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Work Order Narrative

Work Order: 18-08-1809 Page 1 of 1

Condition Upon Receipt:

Samples were received under Chain-of-Custody (COC) on 08/21/18. They were assigned to Work Order 18-08-1809.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

DoD Projects:

The test results contained in this report are accredited under the laboratory's ISO/IEC 17025:2005 and DoD-ELAP accreditation issued by the ANSI-ASQ National Accreditation Board. Refer to certificate and scope of accreditation ADE-1864.

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Sample Summary

Client:	Enthalpy Analytical, Inc. 931 W. Barkley Avenue Orange, CA 92868-1208	Work Order:	18-08-1809
		Project Name:	405734
		PO Number:	
		Date/Time Received:	08/21/18 18:43
		Number of Containers:	4
Attn:	Ranjit Clarke		

Sample Identification	Lab Number	Collection Date and Time	Number of Containers	Matrix
SMBRP-11 (405734-001)	18-08-1809-1	08/21/18 11:30	1	Aqueous
MCWP-MW04S (405734-002)	18-08-1809-2	08/21/18 12:00	1	Aqueous
MCWP-MW07S (405734-003)	18-08-1809-3	08/21/18 09:25	1	Aqueous
MCWP-MW07D (405734-004)	18-08-1809-4	08/21/18 11:00	1	Aqueous

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Detections Summary

Client:	Enthalpy Analytical, Inc.	Work Order:	18-08-1809
	931 W. Barkley Avenue	Project Name:	405734
	Orange, CA 92868-1208	Received:	08/21/18
Attn:	Ranjit Clarke		

Client SampleID

Analyte	Result	Qualifiers	RL	Units	Method	Extraction
SMBRP-11 (405734-001) (18-08-1809-1)						
Biochemical Oxygen Demand	13		1.0	mg/L	SM 5210 B	N/A
MCWP-MW04S (405734-002) (18-08-1809-2)						
Biochemical Oxygen Demand	5.8		1.0	mg/L	SM 5210 B	N/A
MCWP-MW07S (405734-003) (18-08-1809-3)						
Biochemical Oxygen Demand	5.1		1.0	mg/L	SM 5210 B	N/A
MCWP-MW07D (405734-004) (18-08-1809-4)						
Biochemical Oxygen Demand	1.2		1.0	mg/L	SM 5210 B	N/A

Subcontracted analyses, if any, are not included in this summary.

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* MDL is shown

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Analytical Report

Enthalpy Analytical, Inc.
931 W. Barkley Avenue
Orange, CA 92868-1208

Project: 405734

Date Received: 08/21/18
Work Order: 18-08-1809
Preparation: N/A
Method: SM 5210 B
Units: mg/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SMBRP-11 (405734-001)	**18-08-1809-1-A**	**08/21/18 11:30**	**Aqueous**	**BOD 1**	**08/22/18**	**08/27/18 20:00**	**I0822BODB1**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Biochemical Oxygen Demand	13	1.0	0.58	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MCWP-MW04S (405734-002)	**18-08-1809-2-A**	**08/21/18 12:00**	**Aqueous**	**BOD 1**	**08/22/18**	**08/27/18 20:00**	**I0822BODB1**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Biochemical Oxygen Demand	5.8	1.0	0.58	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MCWP-MW07S (405734-003)	**18-08-1809-3-A**	**08/21/18 09:25**	**Aqueous**	**BOD 1**	**08/22/18**	**08/27/18 20:00**	**I0822BODB1**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Biochemical Oxygen Demand	5.1	1.0	0.58	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MCWP-MW07D (405734-004)	**18-08-1809-4-A**	**08/21/18 11:00**	**Aqueous**	**BOD 1**	**08/22/18**	**08/27/18 20:00**	**I0822BODB1**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Biochemical Oxygen Demand	1.2	1.0	0.58	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-05-054-5413**	**N/A**	**Aqueous**	**BOD 1**	**08/22/18**	**08/27/18 20:00**	**I0822BODB1**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Biochemical Oxygen Demand	ND	1.0	0.58	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Quality Control - Sample Duplicate

Enthalpy Analytical, Inc.		Date Received:	08/21/18
931 W. Barkley Avenue		Work Order:	18-08-1809
Orange, CA 92868-1208		Preparation:	N/A
		Method:	SM 5210 B
Project: 405734			Page 1 of 1

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	Duplicate Batch Number
18-08-1715-1	**Sample**	**Aqueous**	**BOD 1**	**08/22/18 00:00**	**08/27/18 20:00**	**I0822BODD1**
18-08-1715-1	**Sample Duplicate**	**Aqueous**	**BOD 1**	**08/22/18 00:00**	**08/27/18 20:00**	**I0822BODD1**

Parameter	Sample Conc.	DUP Conc.	RPD	RPD CL	Qualifiers
Biochemical Oxygen Demand	2800	2800	0	0-25	

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RPD: Relative Percent Difference. CL: Control Limits

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Glossary of Terms and Qualifiers

Work Order: 18-08-1809 Page 1 of 1

Qualifiers	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
CI	See case narrative.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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Enthalpy Analytical
Formerly Associated Labs
1 Park Plaza, Suite 1000
Irvine, CA 92614
Tel: 714.771.6900 Fax: 714.538.1209
info-sc@enthalpy.com

MONTROSE ENVIRONMENTAL

Subcontract Laboratory:

Eurofins CalScience - Sub
7440 Lincoln Way
Garden Grove, CA 92841

ATTN: Xuan Dang
PO# 1024366

Project: 405734 **Due:**
PM: Ranjit Clarke
Email: ranjit.clarke@enthalpy.com
CC: incomingreports@enthalpy.com
Require: ☑ EDD ☐ EDF ☐ EDT
Report To: ☑ MDL

Note:

18-08-1809

	Matrix	Sampled	Sample ID	Analysis	Comment
1	Water	08/21/18 11:30	SMBRP-11 (405734-001)	5210B BOD_OUT	
2	Water	08/21/18 12:00	MCWP-MW04S (405734-002)	5210B BOD_OUT	
3	Water	08/21/18 09:25	MCWP-MW07S (405734-003)	5210B BOD_OUT	
4	Water	08/21/18 11:00	MCWP-MW07D (405734-004)	5210B BOD_OUT	

Note:
Standard TAT

Relinquished By	**Received By:**
Date/Time 08/21/18 18:43	Date/Time 8/21/18 18:43
Date/Time	Date/Time

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WORK ORDER NUMBER: 18-08-1809

SAMPLE RECEIPT CHECKLIST

COOLER 1 OF 1

CLIENT: Enthalpy Analytical

DATE: 08/21/2018

TEMPERATURE: (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC6 (CF: -0.5°C); Temperature (w/o CF): 4.0 °C (w/ CF): 3.5 °C; ☐ Blank ☑ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling

☐ Sample(s) received at ambient temperature; placed on ice for transport by courier

Ambient Temperature: ☐ Air ☐ Filter Checked by: 657

CUSTODY SEAL:

Cooler ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 657

Sample(s) ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 657

SAMPLE CONDITION:	Yes	No	N/A
Chain-of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Sampling date ☐ Sampling time ☐ Matrix ☐ Number of containers			
☐ No analysis requested ☐ Not relinquished ☐ No relinquished date ☐ No relinquished time			
Sampler's name indicated on COC	☐	☐	☑
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and in good condition	☑	☐	☐
Proper containers for analyses requested	☑	☐	☐
Sufficient volume/mass for analyses requested	☑	☐	☐
Samples received within holding time	☑	☐	☐
Aqueous samples for certain analyses received within 15-minute holding time			
☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfide ☐ Dissolved Oxygen	☐	☐	☑
Proper preservation chemical(s) noted on COC and/or sample container	☑	☐	☐
Unpreserved aqueous sample(s) received for certain analyses			
☐ Volatile Organics ☐ Total Metals ☐ Dissolved Metals			
Acid/base preserved samples - pH within acceptable range	☐	☐	☑
Container(s) for certain analysis free of headspace	☐	☐	☑
☐ Volatile Organics ☐ Dissolved Gases (RSK-175) ☐ Dissolved Oxygen (SM 4500)			
☐ Carbon Dioxide (SM 4500) ☐ Ferrous Iron (SM 3500) ☐ Hydrogen Sulfide (Hach)			
Tedlar™ bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE: (Trip Blank Lot Number: _____)

Aqueous: ☐ VOA ☐ VOA**h** ☐ VOA**na$_2$** ☐ 100PJ ☐ 100PJ**na$_2$** ☐ 125AGB ☐ 125AGB**h** ☐ 125AGB**p** ☐ 125PB ☐ 125PB**znna** (pH__9)

☐ 250AGB ☐ 250CGB ☐ 250CGB**s** (pH__2) ☐ 250PB ☐ 250PB**n** (pH__2) ☐ 500AGB ☐ 500AGJ ☐ 500AGJ**s** (pH__2) ☐ 500PB

☐ 1AGB ☐ 1AGB**na$_2$** ☐ 1AGB**s** (pH__2) ☐ 1AGB**s** (O&G) ☐ 1PB ☐ 1PB**na** (pH__12) ☑ 1KT ☐ _____ ☐ _____

Solid: ☐ 4ozCGJ ☐ 8ozCGJ ☐ 16ozCGJ ☐ Sleeve (___) ☐ EnCores® (___) ☐ TerraCores® (___) ☐ _____ ☐ _____ ☐ _____

Air: ☐ Tedlar™ ☐ Canister ☐ Sorbent Tube ☐ PUF ☐ _____ **Other Matrix** (_____): ☐ _____ ☐ _____ ☐ _____

Container: **A** = Amber, **B** = Bottle, **C** = Clear, **E** = Envelope, **G** = Glass, **J** = Jar, **P** = Plastic, and **Z** = Ziploc/Resealable Bag

Preservative: **b** = buffered, **f** = filtered, **h** = HCl, **n** = HNO_3, **na** = NaOH, **na$_2$** = $Na_2S_2O_3$, **p** = H_3PO_4, Labeled/Checked by: JLG

s = H_2SO_4, **u** = ultra-pure, **x** = Na_2SO_3+$NaHSO_4.H_2O$, **znna** = Zn $(CH_3CO_2)_2$ + NaOH Reviewed by: DH

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WORK ORDER NUMBER: 18-08-1899

The difference is service



AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: Enthalpy Analytical, Inc.

Client Project Name: 405734

Attention: Ranjit Clarke
931 W. Barkley Avenue
Orange, CA 92868-1208

Sheila Lau for

Approved for release on 08/29/2018 by:
Xuan Dang
Project Manager

ResultLink

Email your PM

Eurofins Calscience (Calscience) certifies that the test results provided in this report meet all NELAC Institute requirements for parameters for which accreditation is required or available. Any exceptions to NELAC Institute requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

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Work Order Number: 18-08-1899

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Work Order Narrative

Work Order: 18-08-1899 Page 1 of 1

Condition Upon Receipt:

Samples were received under Chain-of-Custody (COC) on 08/22/18. They were assigned to Work Order 18-08-1899.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

DoD Projects:

The test results contained in this report are accredited under the laboratory's ISO/IEC 17025:2005 and DoD-ELAP accreditation issued by the ANSI-ASQ National Accreditation Board. Refer to certificate and scope of accreditation ADE-1864.

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Sample Summary

Client:	Enthalpy Analytical, Inc. 931 W. Barkley Avenue Orange, CA 92868-1208	Work Order:	18-08-1899
		Project Name:	405734
		PO Number:	1024413
		Date/Time Received:	08/22/18 13:58
		Number of Containers:	4
Attn:	Ranjit Clarke		

Sample Identification	Lab Number	Collection Date and Time	Number of Containers	Matrix
SMBRP-11 (405734-001)	18-08-1899-1	08/21/18 11:30	1	Aqueous
MCWP-MW04S (405734-002)	18-08-1899-2	08/21/18 12:00	1	Aqueous
MCWP-MW07S (405734-003)	18-08-1899-3	08/21/18 09:25	1	Aqueous
MCWP-MW07D (405734-004)	18-08-1899-4	08/21/18 11:00	1	Aqueous

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Detections Summary

Client:	Enthalpy Analytical, Inc.	Work Order:	18-08-1899
	931 W. Barkley Avenue	Project Name:	405734
	Orange, CA 92868-1208	Received:	08/22/18
Attn:	Ranjit Clarke		

Client SampleID

Analyte	Result	Qualifiers	RL	Units	Method	Extraction
SMBRP-11 (405734-001) (18-08-1899-1)						
HEM: Oil and Grease	1.2		1.0	mg/L	EPA 1664A	N/A

Subcontracted analyses, if any, are not included in this summary.

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* MDL is shown

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Analytical Report

Enthalpy Analytical, Inc.
931 W. Barkley Avenue
Orange, CA 92868-1208

Project: 405734

Date Received: 08/22/18
Work Order: 18-08-1899
Preparation: N/A
Method: EPA 1664A
Units: mg/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SMBRP-11 (405734-001)	**18-08-1899-1-A**	**08/21/18 11:30**	**Aqueous**	**N/A**	**08/24/18**	**08/24/18 16:30**	**I0824HEML1**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
HEM: Oil and Grease	1.2	1.0	0.80	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MCWP-MW04S (405734-002)	**18-08-1899-2-A**	**08/21/18 12:00**	**Aqueous**	**N/A**	**08/24/18**	**08/24/18 16:30**	**I0824HEML1**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
HEM: Oil and Grease	ND	1.0	0.80	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MCWP-MW07S (405734-003)	**18-08-1899-3-A**	**08/21/18 09:25**	**Aqueous**	**N/A**	**08/24/18**	**08/24/18 16:30**	**I0824HEML1**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
HEM: Oil and Grease	ND	1.0	0.80	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MCWP-MW07D (405734-004)	**18-08-1899-4-A**	**08/21/18 11:00**	**Aqueous**	**N/A**	**08/24/18**	**08/24/18 16:30**	**I0824HEML1**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
HEM: Oil and Grease	ND	1.0	0.80	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-16-923-460**	**N/A**	**Aqueous**	**N/A**	**08/24/18**	**08/24/18 16:30**	**I0824HEML1**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
HEM: Oil and Grease	ND	1.0	0.80	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Quality Control - LCS/LCSD

Enthalpy Analytical, Inc.
931 W. Barkley Avenue
Orange, CA 92868-1208

Project: 405734

Date Received: 08/22/18
Work Order: 18-08-1899
Preparation: N/A
Method: EPA 1664A

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-16-923-460	**LCS**	**Aqueous**	**N/A**	**08/24/18**	**08/24/18 16:30**	**I0824HEML1**
099-16-923-460	**LCSD**	**Aqueous**	**N/A**	**08/24/18**	**08/24/18 16:30**	**I0824HEML1**

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
HEM: Oil and Grease	40.00	36.90	92	35.90	90	78-114	3	0-18	

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RPD: Relative Percent Difference. CL: Control Limits

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Glossary of Terms and Qualifiers

Work Order: 18-08-1899 Page 1 of 1

Qualifiers	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
CI	See case narrative.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.
	Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.
	A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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Enthalpy Analytical
Formerly Associated Labs
1 Park Plaza, Suite 1000
Irvine, CA 92614
Tel: 714.771.6900 Fax: 714.538.1209
info-sc@enthalpy.com

MONTROSE ENVIRONMENTAL

Project: 405734 **Due:** 18-08-1899
PM: Ranjit Clarke
Email: ranjit.clarke@enthalpy.com
CC: incomingreports@enthalpy.com
Require: ☑ EDD ☐ EDF ☐ EDT
Report To: ☑ MDL

Subcontract Laboratory:

Eurofins CalScience - Sub
7440 Lincoln Way
Garden Grove, CA 92841

ATTN: Xuan Dang
PO# 1024413

Note:

Matrix	Sampled	Sample ID	Analysis	Comment
Water	08/21/18 11:30	SMBRP-11 (405734-001)	1664_OUT	
Water	08/21/18 12:00	MCWP-MW04S (405734-002)	1664_OUT	
Water	08/21/18 09:25	MCWP-MW07S (405734-003)	1664_OUT	
Water	08/21/18 11:00	MCWP-MW07D (405734-004)	1664_OUT	

Note:
Standard TAT

Relinquished By	Received By:
	EC
Date/Time 8/22/18 1358	Date/Time 8-22-18-13:58
Date/Time	Date/Time

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WORK ORDER NUMBER: 18-08-1899

SAMPLE RECEIPT CHECKLIST

COOLER 1 OF 1

CLIENT: Enthalpy Analytical

DATE: 08/22/2018

TEMPERATURE: (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC6 (CF: -0.5°C); Temperature (w/o CF): 5.0 °C (w/ CF): 4.5 °C; ☐ Blank ☑ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling

☐ Sample(s) received at ambient temperature; placed on ice for transport by courier

Ambient Temperature: ☐ Air ☐ Filter Checked by: 1053

CUSTODY SEAL:

Cooler ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 1053

Sample(s) ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 836

SAMPLE CONDITION:	Yes	No	N/A
Chain-of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Sampling date ☐ Sampling time ☐ Matrix ☐ Number of containers			
☐ No analysis requested ☐ Not relinquished ☐ No relinquished date ☐ No relinquished time			
Sampler's name indicated on COC	☐	☐	☑
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and in good condition	☑	☐	☐
Proper containers for analyses requested	☑	☐	☐
Sufficient volume/mass for analyses requested	☑	☐	☐
Samples received within holding time	☑	☐	☐
Aqueous samples for certain analyses received within 15-minute holding time			
☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfide ☐ Dissolved Oxygen	☐	☐	☑
Proper preservation chemical(s) noted on COC and/or sample container	☐	☑	☐
Unpreserved aqueous sample(s) received for certain analyses			
☐ Volatile Organics ☐ Total Metals ☐ Dissolved Metals			
Acid/base preserved samples - pH within acceptable range	☐	☐	☑
Container(s) for certain analysis free of headspace	☐	☐	☑
☐ Volatile Organics ☐ Dissolved Gases (RSK-175) ☐ Dissolved Oxygen (SM 4500)			
☐ Carbon Dioxide (SM 4500) ☐ Ferrous Iron (SM 3500) ☐ Hydrogen Sulfide (Hach)			
Tedlar™ bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE: (Trip Blank Lot Number: _____)

Aqueous: ☐ VOA ☐ VOA**h** ☐ VOA**na$_2$** ☐ 100PJ ☐ 100PJ**na$_2$** ☐ 125AGB ☐ 125AGB**h** ☐ 125AGB**p** ☐ 125PB ☐ 125PB**znna** (pH__9)

☐ 250AGB ☐ 250CGB ☐ 250CGB**s** (pH__2) ☐ 250PB ☐ 250PB**n** (pH__2) ☐ 500AGB ☐ 500AGJ ☐ 500AGJ**s** (pH__2) ☐ 500PB

☐ 1AGB ☐ 1AGB**na$_2$** ☐ 1AGB**s** (pH__2) ☐ 1AGB**s** (O&G) ☐ 1PB ☐ 1PB**na** (pH__12) ☑ 1CGJ ☐ _____ ☐ _____

Solid: ☐ 4ozCGJ ☐ 8ozCGJ ☐ 16ozCGJ ☐ Sleeve (___) ☐ EnCores® (___) ☐ TerraCores® (___) ☐ _____ ☐ _____ ☐ _____

Air: ☐ Tedlar™ ☐ Canister ☐ Sorbent Tube ☐ PUF ☐ _____ **Other Matrix** (_____): ☐ _____ ☐ _____ ☐ _____

Container: **A** = Amber, **B** = Bottle, **C** = Clear, **E** = Envelope, **G** = Glass, **J** = Jar, **P** = Plastic, and **Z** = Ziploc/Resealable Bag

Preservative: **b** = buffered, **f** = filtered, **h** = HCl, **n** = HNO_3, **na** = NaOH, **na$_2$** = $Na_2S_2O_3$, **p** = H_3PO_4, **s** = H_2SO_4, **u** = ultra-pure, **x** = Na_2SO_3+$NaHSO_4.H_2O$, **znna** = Zn $(CH_3CO_2)_2$ + NaOH

Labeled/Checked by: BM

Reviewed by: BM

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WORK ORDER NUMBER: 18-08-1899

SAMPLE RECEIPT CHECKLIST

COOLER 1 OF 1

CLIENT: Enthalpy Analytical

DATE: 08/23/2018

TEMPERATURE: (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC6 (CF: -0.5°C); Temperature (w/o CF): 4.8 °C (w/ CF): 4.3 °C; ☐ Blank ☑ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling

☐ Sample(s) received at ambient temperature; placed on ice for transport by courier

Ambient Temperature: ☐ Air ☐ Filter Checked by: SR

CUSTODY SEAL:

Cooler ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: SR

Sample(s) ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 1053

SAMPLE CONDITION:	Yes	No	N/A
Chain-of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Sampling date ☐ Sampling time ☐ Matrix ☐ Number of containers			
☐ No analysis requested ☐ Not relinquished ☐ No relinquished date ☐ No relinquished time			
Sampler's name indicated on COC	☐	☐	☑
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and in good condition	☑	☐	☐
Proper containers for analyses requested	☑	☐	☐
Sufficient volume/mass for analyses requested	☑	☐	☐
Samples received within holding time	☑	☐	☐
Aqueous samples for certain analyses received within 15-minute holding time			
☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfide ☐ Dissolved Oxygen	☐	☐	☑
Proper preservation chemical(s) noted on COC and/or sample container	☑	☐	☐
Unpreserved aqueous sample(s) received for certain analyses			
☐ Volatile Organics ☐ Total Metals ☐ Dissolved Metals			
Acid/base preserved samples - pH within acceptable range	☐	☐	☑
Container(s) for certain analysis free of headspace	☐	☐	☑
☐ Volatile Organics ☐ Dissolved Gases (RSK-175) ☐ Dissolved Oxygen (SM 4500)			
☐ Carbon Dioxide (SM 4500) ☐ Ferrous Iron (SM 3500) ☐ Hydrogen Sulfide (Hach)			
Tedlar™ bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE: (Trip Blank Lot Number: _____)

Aqueous: ☐ VOA ☐ VOA**h** ☐ VOA**na$_2$** ☐ 100PJ ☐ 100PJ**na$_2$** ☐ 125AGB ☐ 125AGB**h** ☐ 125AGB**p** ☐ 125PB ☐ 125PB**znna** (pH__9)

☐ 250AGB ☐ 250CGB ☐ 250CGB**s** (pH__2) ☐ 250PB ☐ 250PB**n** (pH__2) ☐ 500AGB ☐ 500AGJ ☐ 500AGJ**s** (pH__2) ☐ 500PB

☐ 1AGB ☐ 1AGB**na$_2$** ☐ 1AGB**s** (pH__2) ☐ 1AGB**s** (O&G) ☐ 1PB ☐ 1PB**na** (pH__12) ☑ 1CGJs (O&G) ☐ _____ ☐ _____

Solid: ☐ 4ozCGJ ☐ 8ozCGJ ☐ 16ozCGJ ☐ Sleeve (___) ☐ EnCores® (___) ☐ TerraCores® (___) ☐ _____ ☐ _____ ☐ _____

Air: ☐ Tedlar™ ☐ Canister ☐ Sorbent Tube ☐ PUF ☐ _____ **Other Matrix** (_____): ☐ _____ ☐ _____ ☐ _____

Container: **A** = Amber, **B** = Bottle, **C** = Clear, **E** = Envelope, **G** = Glass, **J** = Jar, **P** = Plastic, and **Z** = Ziploc/Resealable Bag

Preservative: **b** = buffered, **f** = filtered, **h** = HCl, **n** = HNO_3, **na** = NaOH, **na$_2$** = $Na_2S_2O_3$, **p** = H_3PO_4, **s** = H_2SO_4, **u** = ultra-pure, **x** = Na_2SO_3+$NaHSO_4.H_2O$, **znna** = Zn $(CH_3CO_2)_2$ + NaOH

Labeled/Checked by: 1053

Reviewed by: SR

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WORK ORDER NUMBER: 18-08- 1899

SAMPLE ANOMALY REPORT

DATE: 08 / 22 / 2018

SAMPLES, CONTAINERS, AND LABELS:

	Comments
☐ Sample(s) NOT RECEIVED but listed on COC	
☐ Sample(s) received but NOT LISTED on COC	
☐ Holding time expired (list client or ECI sample ID and analysis)	
☐ Insufficient sample amount for requested analysis (list analysis)	
☐ Improper container(s) used (list analysis)	
☐ Improper preservative used (list analysis)	
☐ pH outside acceptable range (list analysis)	(-1) to (-4) for Oil and Grease
☑ No preservative noted on COC or label (list analysis and notify lab)	
☐ Sample container(s) not labeled	
☐ Client sample label(s) illegible (list container type and analysis)	(-1) to (-4) Received Preserved containers for Oil and Grease on 8-23-18
☐ Client sample label(s) do not match COC (comment)	
☐ Project information	
☐ Client sample ID	
☐ Sampling date and/or time	
☐ Number of container(s)	
☐ Requested analysis	
☐ Sample container(s) compromised (comment)	
☐ Broken	
☐ Water present in sample container	
☐ Air sample container(s) compromised (comment)	
☐ Flat	
☐ Very low in volume	
☐ Leaking (not transferred; duplicate bag submitted)	
☐ Leaking (transferred into ECI Tedlar™ bags*)	
☐ Leaking (transferred into client's Tedlar™ bags*)	

* Transferred at client's request.

MISCELLANEOUS: (Describe)

Comments

HEADSPACE:

(Containers with bubble > 6 mm or ¼ inch for volatile organic or dissolved gas analysis)

ECI Sample ID	ECI Container ID	Total Number**	ECI Sample ID	ECI Container ID	Total Number**

(Containers with bubble for other analysis)

ECI Sample ID	ECI Container ID	Total Number**	Requested Analysis

Comments:

Reported by: SDL

Reviewed by: 1053

** Record the total number of containers (i.e., vials or bottles) for the affected sample.

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Enthalpy - Orange

Report to: Ranjit Clarke
1 Park Plaza, Ste 1000
Irvine, CA 92614

Client Project # 405734

Analytical Report
0818-726

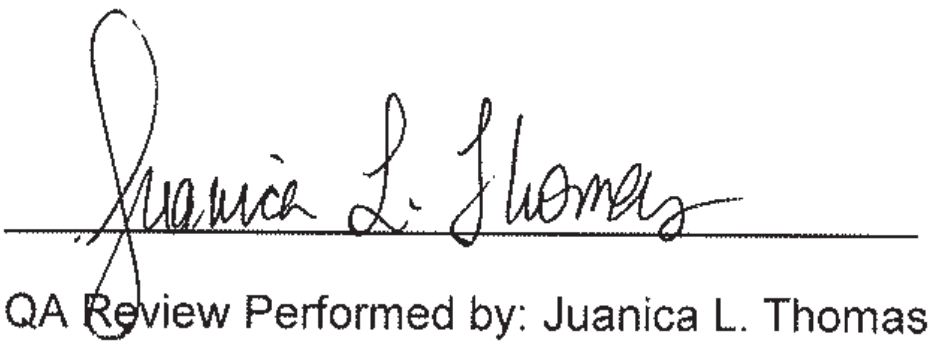
Method 1613B
TCDD only

Enthalpy Analytical, LLC – Ultratrace
Phone: (910) 212-5858 / www.enthalpy.com
2714 Exchange Drive, Wilmington, NC 28405

I certify that to the best of my knowledge all analytical data presented in this report:

- Have been checked for completeness
- Are accurate, error-free, and legible
- Have been conducted in accordance with approved protocol, and that all deviations and analytical problems are summarized in the appropriate narrative(s)

This analytical report was prepared in Portable Document Format (.PDF) and contains __17__ pages.



QA Review Performed by: Juanica L. Thomas

Report Issued Date: 09/06/18

ENTHALPY ANALYTICAL

SMBRP-11 (405734-001)						Detailed Results - Method 1613	
Client Details							
Client Sample ID:	SMBRP-11 (405734-001)			**Client Name:**	**EA Orange**		
Client Project ID:	405734			**Sample Collection Date:**	**21-Aug-18**	**RRFs:**	**CS3 AB**
Lab/Sample Details							
Lab Job #:	**0818-726**	**Matrix:**	**Aqueous**	**Date Received:**	**25-Aug-18**		
Lab Sample ID:	**0818-726_10118_001**	**Weight/Volume:**	**1.05**	**Date Extracted:**	**27-Aug-18**		
QC Batch #:	**10118**	**Split Factor:**	**1**	**Date Analyzed:**	**30-Aug-18**		
Dilution:	**-**			**Time Analyzed:**	**12:59:43**		

Analyte	Conc. (pg/L)	DLpg/L	EMPC pg/L	Qualifiers	Standard	ES Recoveries	Qualifiers
2,3,7,8-TCDD	ND	0.239			ES 2,3,7,8-TCDD	79.1	
Totals	**Conc. pg/L**	**DLpg/L**	**EMPC pg/L**		**Standard**	**CS/AS Recoveries**	
					CS 37Cl-2378-TCDD	93.8	

MCWP-MW04S (405734-002)						Detailed Results - Method 1613	
Client Details							
Client Sample ID:	MCWP-MW04S (405734-002)		**Client Name:**	**EA Orange**			
Client Project ID:	405734		**Sample Collection Date:**	**21-Aug-18**		**RRFs:**	**CS3 AB**
Lab/Sample Details							
Lab Job #:	**0818-726**	**Matrix:**	**Aqueous**	**Date Received:**	**25-Aug-18**		
Lab Sample ID:	**0818-726_10118_002**	**Weight/Volume:**	**1.07**	**Date Extracted:**	**27-Aug-18**		
QC Batch #:	**10118**	**Split Factor:**	**1**	**Date Analyzed:**	**30-Aug-18**		
Dilution:	**-**			**Time Analyzed:**	**13:48:44**		

Analyte	Conc. (pg/L)	DLpg/L	EMPC pg/L	Qualifiers	Standard	ES Recoveries	Qualifiers
2,3,7,8-TCDD	ND	0.321			ES 2,3,7,8-TCDD	83.9	
Totals	**Conc. pg/L**	**DLpg/L**	**EMPC pg/L**		**Standard**	**CS/AS Recoveries**	
					CS 37Cl-2378-TCDD	95.3	

MCWP-MW07S (405734-003)								Detailed Results - Method 1613
Client Details								
Client Sample ID:	MCWP-MW07S (405734-003)			**Client Name:**	**EA Orange**			
Client Project ID:	405734			**Sample Collection Date:**	**21-Aug-18**		**RRFs:**	**CS3 AB**
Lab/Sample Details								
Lab Job #:	**0818-726**	**Matrix:**	**Aqueous**	**Date Received:**	**25-Aug-18**			
Lab Sample ID:	**0818-726_10118_003**	**Weight/Volume:**	**1.03**	**Date Extracted:**	**27-Aug-18**			
QC Batch #:	**10118**	**Split Factor:**	**1**	**Date Analyzed:**	**30-Aug-18**			
Dilution:	**-**			**Time Analyzed:**	**14:37:57**			

Analyte	Conc. (pg/L)	DLpg/L	EMPC pg/L	Qualifiers	Standard	ES Recoveries	Qualifiers
2,3,7,8-TCDD	ND	0.313			ES 2,3,7,8-TCDD	90.4	
Totals	**Conc. pg/L**	**DLpg/L**	**EMPC pg/L**		**Standard**	**CS/AS Recoveries**	
					CS 37Cl-2378-TCDD	113	

ENTHALPY ANALYTICAL

MCWP-MW07D (405734-004) — Detailed Results - Method 1613

Client Details

Client Sample ID:	MCWP-MW07D (405734-004)	**Client Name:**	EA Orange
Client Project ID:	405734	**Sample Collection Date:**	21-Aug-18

RRFs: CS3 AB

Lab/Sample Details

Lab Job #:	0818-726	**Matrix:**	Aqueous	**Date Received:**	25-Aug-18
Lab Sample ID:	0818-726_10118_004	**Weight/Volume:**	1.05	**Date Extracted:**	27-Aug-18
QC Batch #:	10118	**Split Factor:**	1	**Date Analyzed:**	30-Aug-18
Dilution:	-			**Time Analyzed:**	15:26:58

Analyte	Conc. (pg/L)	DLpg/L	EMPC pg/L	Qualifiers	Standard	ES Recoveries	Qualifiers
2,3,7,8-TCDD	ND	0.308			ES 2,3,7,8-TCDD	106	
Totals	**Conc. pg/L**	**DLpg/L**	**EMPC pg/L**		**Standard**	**CS/AS Recoveries**	
					CS 37Cl-2378-TCDD	121	

Continuing Calibration — PCDD/Fs

	CS3-A	CS3-B
Concentration (pg/µL)	10	10
Standard ID	SIDAA19	SIDAA19
Acquisition Date	30-Aug-18	30-Aug-18
Acquisition Time	9:29:53	19:32:07

Analyte	RRF	RRF	ICAL RRFs	PD (CS3-A v. ICAL)	PD (CS3-B v. ICAL)	Average RRF	RPD (CS3s)
2,3,7,8-TCDD	1.18	1.07	1.16	1.7	-7.8	1.13	9.8
1,2,3,7,8-PeCDD	0.99	0.93	1.06	-6.6	-12.3	0.96	6.2
1,2,3,4,7,8-HxCDD	1.09	1.04	1.05	3.8	-1.0	1.07	4.7
1,2,3,6,7,8-HxCDD	1.19	1.12	1.09	9.2	2.8	1.16	6.1
1,2,3,7,8,9-HxCDD	0.96	0.89	1.02	-5.9	-12.7	0.93	7.6
1,2,3,4,6,7,8-HpCDD	1.06	1.00	1.07	-0.9	-6.5	1.03	5.8
OCDD	1.11	1.10	1.11	0.0	-0.9	1.11	0.9
2,3,7,8-TCDF	1.02	0.92	1.08	-5.6	-14.8	0.97	10.3
1,2,3,7,8-PeCDF	0.99	0.96	1.04	-4.8	-7.7	0.98	3.1
2,3,4,7,8-PeCDF	0.98	0.94	1.02	-3.9	-7.8	0.96	4.2
1,2,3,4,7,8-HxCDF	1.32	1.26	1.36	-2.9	-7.4	1.29	4.7
1,2,3,6,7,8-HxCDF	1.22	1.17	1.24	-1.6	-5.6	1.20	4.2
2,3,4,6,7,8-HxCDF	1.23	1.17	1.26	-2.4	-7.1	1.20	5.0
1,2,3,7,8,9-HxCDF	1.22	1.13	1.24	-1.6	-8.9	1.18	7.7
1,2,3,4,6,7,8-HpCDF	1.42	1.29	1.43	-0.7	-9.8	1.36	9.6
1,2,3,4,7,8,9-HpCDF	1.37	1.28	1.38	-0.7	-7.2	1.33	6.8
OCDF	1.04	0.99	1.11	-6.3	-10.8	1.02	4.9
ES 2,3,7,8-TCDD	0.93	0.94	1.02	-8.8	-7.8	0.94	1.1
ES 1,2,3,7,8-PeCDD	0.78	0.86	0.86	-9.3	0.0	0.82	9.8
ES 1,2,3,4,7,8-HxCDD	1.03	1.02	1.03	0.0	-1.0	1.03	1.0
ES 1,2,3,6,7,8-HxCDD	1.05	1.04	1.02	2.9	2.0	1.05	1.0
ES 1,2,3,7,8,9-HxCDD	1.19	1.19	1.14	4.4	4.4	1.19	0.0
ES 1,2,3,4,6,7,8-HpCDD	0.87	0.83	0.86	1.2	-3.5	0.85	4.7
ES OCDD	0.61	0.60	0.67	-9.0	-10.4	0.61	1.7
ES 2,3,7,8-TCDF	0.94	0.90	1.02	-7.8	-11.8	0.92	4.3
ES 1,2,3,7,8-PeCDF	0.80	0.87	0.86	-7.0	1.2	0.84	8.4
ES 2,3,4,7,8-PeCDF	0.78	0.90	0.89	-12.4	1.1	0.84	14.3
ES 1,2,3,4,7,8-HxCDF	1.31	1.20	1.24	5.6	-3.2	1.26	8.8
ES 1,2,3,6,7,8-HxCDF	1.67	1.51	1.44	16.0	4.9	1.59	10.1
ES 2,3,4,6,7,8-HxCDF	1.45	1.33	1.31	10.7	1.5	1.39	8.6
ES 1,2,3,7,8,9-HxCDF	1.13	1.09	1.10	2.7	-0.9	1.11	3.6
ES 1,2,3,4,6,7,8-HpCDF	1.06	0.91	1.00	6.0	-9.0	0.99	15.2
ES 1,2,3,4,7,8,9-HpCDF	0.79	0.73	0.81	-2.5	-9.9	0.76	7.9
ES OCDF	0.81	0.78	0.87	-6.9	-10.3	0.80	3.8

Continuing Calibration — PCDD/Fs

	CS3-A	CS3-B
Concentration (pg/µL)	10	10
Standard ID	SIDAA19	SIDAA19
Acquisition Date	30-Aug-18	30-Aug-18
Acquisition Time	9:29:53	19:32:07

Analyte	RRF	RRF	ICAL RRFs	PD (CS3-A v. ICAL)	PD (CS3-B v. ICAL)	Average RRF	RPD (CS3s)
CS 37Cl-2378-TCDD	1.14	1.10	1.22	-6.6	-9.8	1.12	3.6
CS 12347-PeCDD	0.70	0.77	0.72	-2.8	6.9	0.74	9.5
CS 12346-PeCDF	0.81	0.78	0.90	-10.0	-13.3	0.80	3.8
CS 123469-HxCDF	1.42	1.29	1.23	15.4	4.9	1.36	9.6
CS 1234689-HpCDF	0.99	0.86	0.90	10.0	-4.4	0.93	14.1
SS 37Cl-2378-TCDD	1.22	1.13	1.20	1.7	-5.8	1.18	7.7
SS 12347-PeCDD	0.90	0.89	0.85	5.9	4.7	0.90	1.1
SS 12346-PeCDF	1.00	0.90	1.05	-4.8	-14.3	0.95	10.5
SS 123469-HxCDF	0.98	0.97	0.94	4.3	3.2	0.98	1.0
SS 1234689-HpCDF	0.94	0.94	0.90	4.4	4.4	0.94	0.0
AS 1368-TCDD	1.08	1.03	1.10	-1.8	-6.4	1.06	4.7
AS 1368-TCDF	1.15	1.00	1.17	-1.7	-14.5	1.08	14.0
FS 1278-TCDD	-	-	1.07	-	-	-	-
FS 12478-PeCDD	-	-	1.01	-	-	-	-
FS 123468-HxCDD	-	-	1.06	-	-	-	-
FS 1234679-HpCDD	-	-	1.22	-	-	-	-
TS 1378-TCDD	-	-	1.03	-	-	-	-
Analyte	Area	Area					
JS 1234-TCDD	2050484	1794167					
JS 1234-TCDF	3142983	2495948					
JS 123467-HxCDD	1112243	1138118					

ENTHALPY ANALYTICAL

Method Blank

Detailed Results - Method 1613

RRFs: CS3 AB

Lab/Sample Details

		Matrix:	Aqueous	Date Received:	N/A
Lab Sample ID:	MB1_10118_DF	Weight/Volume:	1.00	Date Extracted:	27-Aug-18
QC Batch #:	10118	Split Factor:	1	Date Analyzed:	30-Aug-18
Dilution:	-			Time Analyzed:	12:07:57

Analyte	Conc. (pg/L)	DLpg/L	EMPC pg/L	Qualifiers	Standard	ES Recoveries	Qualifiers
2,3,7,8-TCDD	ND	0.524			ES 2,3,7,8-TCDD	87.9	
Totals	**Conc. pg/L**	**DLpg/L**	**EMPC pg/L**		**Standard**	**CS/AS Recoveries**	
					CS 37Cl-2378-TCDD	102	

ENTHALPY ANALYTICAL

OPR	Detailed Results - Method 1613
	RRFs: CS3 AB

Lab/Sample Details

		Matrix:	Aqueous	Date Received:	N/A
Lab Sample ID:	OPR_10118_DF	Final Vol. (uL)	20	Date Extracted:	27-Aug-18
QC Batch #:	10118	Split Factor:	1	Date Analyzed:	30-Aug-18
Dilution:	-			Time Analyzed:	10:33:04

Analyte	Conc. (pg/L)	DLpg/L	EMPC pg/L	Qualifiers	Standard	ES Recoveries	Qualifiers
2,3,7,8-TCDD	11.9				ES 2,3,7,8-TCDD	88.8	
Totals	**Conc. pg/L**	**DLpg/L**	**EMPC pg/L**		**Standard**	**CS/AS Recoveries**	
					CS 37Cl-2378-TCDD	100	

OPR Demonstration Data (TCDD Only)

Batch ID#: 10118

Analyte	Conc. (pg)	Lower Limit	Upper Limit	Acceptable?	Standard	ES Recoveries	Lower Limit	Upper Limit	Acceptable?
2,3,7,8-TCDD	11.9	7.3	14.6	Y	ES 2,3,7,8-TCDD	89	25	141	Y
					CS 2,3,7,8-TCDD	10	3.7	15.8	Y

Enthalpy Analytical Narrative Summary

Company	Enthalpy Orange	**Client #**	405734
Analyst	Laura Boivin	**Job #**	0818-726
Parameters	Dioxins and Furans	**# Samples**	4

Custody	Enthalpy Analytical, Inc. Wilmington, NC office received the sample (via FedEx) by Robin Appelle on 8/25/2018. The sample was received having a temperature of 3.3 ºC, in good condition. Prior to, during, and after analysis, the samples were stored in the laboratory with access only by authorized personnel of Enthalpy Analytical, Inc.
Analysis	The samples were analyzed by EPA Method 1613 for TCDD only by HRGC/HRMS. The analysis was done using the following instrumentation; High-Resolution-GC - Agilent Tech Model# 6890, AutoSampler – CTC A200 and High-Resolution Mass-Spec. – Waters (Gandalf).
Calibration	The analytes and labeled standards in the initial calibration exhibited RSDs less than 20%. The continuing calibration (CS3A and CS3B) and batch control spike met the 20% criteria for native analytes, and met the 30% criterion for the labeled standards..
QC Notes	The HRMS system displayed mass resolving power of at least 10,000 during the analysis. The QC injections passed the criteria of at or below 40% threshold. Labeled and sampling (surrogate) standard recoveries were acceptable. The samples were extracted within the 30-day from collection holding time and analyzed within the 45-day from extraction to analysis holding time required by the method.
Reporting Notes	The TEQ was calculated and reported to the client using the I-TEFs and the WHO-2005 TEF, calculated several different ways. We also reported Totals and Detection Limits. The results presented in this report are representative of the samples as provided to the laboratory. The samples, calibrations and standards for the data presented in this report were analyzed at 2714 Exchange Drive, Wilmington, NC 28405.

General Reporting Notes – Data Qualifiers

The following are general reporting notes that are applicable to all Enthalpy Analytical, Inc.-Wilmington, NC data reports, unless specifically noted otherwise.

General Data Qualifiers / Data Attributes

- B – The analyte was found in the method blank, at a concentration that was at least 10% of the concentration in the sample.
- C – Two or more congeners co-elute. In EDDs, C denotes the lowest IUPAC congener in a co-elution group and additional co-eluters for the group are shown with the number of the lowest IUPAC co-eluter**.**
- E – The reported concentration exceeds the calibration range (upper point of the calibration curve).
- EMPC – Represents an estimated maximum possible concentration. EMPCs arise in cases where the signal/noise ratio is not sufficient for peak identification (the determined ion-abundance ratio is outside the allowed theoretical range), or where there is a co-eluting interference.
- J – Indicates that an analyte has a concentration below the reporting limit (lowest point of the calibration curve).
- ND – Indicates a non-detect.
- NR – Indicates a value that is not reportable.
- PR – Due to interference, the associated congener is poorly resolved.
- DI – Indicates the presence of a quantitative interference.
- SI – Denotes “Single Ion Mode” and is utilized for PCBs where the secondary ion trace has a significantly elevated noise level due to background PFK. Responses for such peaks are calculated using an EMPC approach based solely on the primary ion area(s) and may be considered estimates.
- U – The analyte was not detected. The Estimated Detection Limit (EDL) may be reported for this analyte.
- V – The labeled standard recovery was found to be outside of the method control limits.

DRBC/TMDL Specific Data Qualifiers / Data Attributes

- J – The reported result is an estimate. The value is less than the minimum calibration level but greater than the Estimated Detection Limit (EDL).
- U – The analyte was not detected in the sample at the Estimated Detection Limit (EDL).
- E – The reported concentration is an estimate. The value exceeds the upper calibration range (upper point of the calibration curve).

- D – Dilution Data. Result was obtained from the analysis of a dilution.
- B – Analyte found in the sample and associated method blank.
- Cxx – Co-elutes with the indicated congener, data is reported under the lowest IUPAC congener. 'xx' denotes the IUPAC number with the lowest numerical designated congener.
- NR – Analyte is not reportable because of problems in sample preparation or analysis.
- V – Labeled standard recovery is not within method control limits.
- X – Results from re-injection/repeat/second-column analysis.
- EMPC – Estimated Maximum Possible Concentration. Indicates that a peak is identified but did not meet the method specified ion-abundance ratio.

Lab Identifiers

- AR – Indicates use of the archived portion of the sample extract.
- CU – Indicates a sample that required additional clean-up prior to HRMS injection/processing.
- D – Indicates a dilution of the sample extract. The number that follows the "D" indicates the dilution factor.
- DE – Indicates a dilution performed with the addition of ES (Extraction Standard) solution.
- DUP – Designation for a duplicate sample.
- MS – Designation for a matrix spike.
- MSD – Designation for a matrix spike duplicate.
- RJ – Indicates a reinjection of the sample extract.
- S – Indicates a sample split. The number that follows the "S" indicates the split factor.

ENTHALPY ANALYTICAL

Sample Inventory Report, Receipt and Log-In Form (Non-Air)

Client/Company: EA Orange	**EU Job #:** 0818-726		
Client Project #: 405734	**Date Samples Arrived:** ~~25-Jul-18~~ 8/25/18		
Client PO #:	**Time Samples Arrived:** 9:57 AM	**Received by Int.:**	RAA

Sample Inventory

Lab Sample ID	Client Sample ID	Client Sample Description	Matrix	Qty.	Sample Collection Date	Sample Collection Time	Notes:
0818-726_001	SMBRP-11 (405734-001)	Water	Aqueous	1	21-Aug-18	11:30 AM	
0818-726_002	MCWP-MW04S (405734-002)	Water	Aqueous	1	21-Aug-18	12:00 PM	
0818-726_003	MCWP-MW07S (405734-003)	Water	Aqueous	1	21-Aug-18	9:25 AM	
0818-726_004	MCWP-MW07D (405734-004)	Water	Aqueous	1	21-Aug-18	11:00 AM	

Sample Receipt & Log-in Details

Courier: FedEx		**Container Condition**	**Tracking Number(s):** 773052595911		
# of Boxes: 0	**# of Coolers: 1**	Intact			
Sample Condition: Good			**Custody Seals (cont.):** NO	**Seal Condition:**	N/A
Sample Temperature(s) in °C (coolers): 3.3			**Custody Seals (samples):** NO	**Seal Condition:**	N/A
Perservative Type: Ice			**Chain of Custody:** YES	**COC Type:**	Client
Sample Temperature(s) in °C (boxes): N/A			**COC Anomaly Details (if applicable):**		
Perservative Type: N/A					
Storage Location: R-1		**All Samples Rec'd:** ☑ YES ☐ NO			

Sample Custodian Signature: _____ **Date:** 8/28/18

Project Manager Signature: _____ **Date:** 8/27/18

0818-726

Enthalpy Analytical
Formerly Associated Labs
1 Park Plaza, Suite 1000
Irvine, CA 92614
Tel: 714.771.6900 Fax: 714.538.1209
info-sc@enthalpy.com

MONTROSE ENVIRONMENTAL

Subcontract Laboratory:

Enthalpy - Wilmington - Su
2714 Exchange Drive
Wilmington, NC 28405
910-212-5866
ATTN: Bryan Vining
PO# N/A

Project: 405734 **Due:**
PM: Ranjit Clarke
Email: ranjit.clarke@enthalpy.com
CC: incomingreports@enthalpy.com
Require: ☑ EDD ☐ EDF ☐ EDT
Report To: ☑ MDL

Note:

Matrix	Sampled	Sample ID	Analysis	Comment
Water	08/21/18 11:30	SMBRP-11 (405734-001)	1613B_TCDD_OUT	2,3,7,8-TCDD only
Water	08/21/18 12:00	MCWP-MW04S (405734-002)	1613B_TCDD_OUT	2,3,7,8-TCDD only
Water	08/21/18 09:25	MCWP-MW07S (405734-003)	1613B_TCDD_OUT	2,3,7,8-TCDD only
Water	08/21/18 11:00	MCWP-MW07D (405734-004)	1613B_TCDD_OUT	2,3,7,8-TCDD only

Note:
15 Day TAT

2,3,7,8-TCDD only

Relinquished By	Received By
Date/Time 8/23/18 15:30	Date/Time 8/25/18 0957 3.3°
Date/Time	Date/Time

This Is The Last Page Of This Report.

ENTHALPY ANALYTICAL

Please Reply To:

AMERI SCI

AmeriSci Los Angeles
24416 S. Main Street, Ste 308
Carson, California 90745
TEL: (310) 834-4868 • FAX: (310) 834-4772

FACSIMILE TELECOPY TRANSMISSION

To:	Ranjit Clarke Enthalpy Analytical	**From:**	Tyler D Miller
		AmeriSci Job #:	918081965
Fax #:		**Subject:**	Water (waste) 5 day Results
		Client Project:	405734
Email:	incomingreports@enthalpy.com,ranjit.clarke@enthalpy.com		

Date: Tuesday, August 28, 2018
Time: 11:56:48
Comments:

Number of Pages: 3 (including cover sheet)

CONFIDENTIALITY NOTICE: Unless otherwise indicated, the information contained in this communication is confidential information intended for use of the individual named above. If the reader of this communication is not the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is prohibited. If you have received this communication in error, please immediately notify the sender by telephone and return the original message to the above address via the US Postal Service at our expense. Samples are disposed of in 60 days or unless otherwise instructed by the protocol or special instructions in writing. Thank you.

AmeriSci Job #: **918081965**
Client Name: Enthalpy Analytical

Table I
Summary of Transmission Electron Microscopy (TEM) Results for Asbestos (Water)

405734

AmeriSci Sample #	Client Sample No./Location	Liquid Filtered (liters)	Temp (Celcius)	Structures Detected* (total)	Structures Detected* (>10 µm)	Analytical Sensitivity (MF/L)	Asbestos Conc (total) (MF/L)	Asbestos Conc (>10 µm) (MF/L)	Asbestos Type
01	SMBRP-11 (405734-001)	0.003	0	NSD	NSD	0.71	<0.71	<0.71	----
02	MCWP-MW04S (405734-002)	0.003	0	NSD	NSD	0.71	<0.71	<0.71	----
03	MCWP-MW07S (405734-003)	0.003	0	NSD	NSD	0.71	<0.71	<0.71	----
04	MCWP-MW07D (405734-004)	0.01	0	NSD	NSD	0.21	<0.21	<0.21	----

*fiber criteria (>=0.5 microns, 5:1 aspect ratio); NAD/NSD = no asbestos detected, NA = not analyzed, MF/L = million fibers per liter.

NOTE: Drinking water analysis by EPA-600/4-83-043 (100.1), waste water by EPA-600/4-80-005. Analytical sensitivity calculated as though 1 fiber had been detected on the TEM GRID area analyzed. Samples are refrigerated upon receipt when necessary and filtered within four hours.

Reviewed By: _____ ; Analyzed By: _____ Date: 8/28/2018

Tyler D Miller

9180819 65

Enthalpy Analytical
Formerly Associated Labs
1 Park Plaza, Suite 1000
Irvine, CA 92614
Tel: 714.771.6900 Fax: 714.538.1209
info-sc@enthalpy.com

MONTROSE

Subcontract Laboratory:

AmeriSci - Sub
24416 S Main St. # 308
Carson, CA 90745

ATTN: Glenn Massey
PO# 1024384

Project: 405734 **Due:** 5-Days

PM: Ranjit Clarke
Email: ranjit.clarke@enthalpy.com
CC: incomingreports@enthalpy.com

Require: ☐ EDD ☐ EDF ☐ EDT

Report To: ☐ MDL

Note:

Matrix	Sampled	Sample ID	Analysis	Comment
Water	08/21/18 11:30	SMBRP-11 (405734-001)	100.2 Asbestos	
Water	08/21/18 12:00	MCWP-MW04S (405734-002)	100.2 Asbestos	
Water	08/21/18 09:25	MCWP-MW07S (405734-003)	100.2 Asbestos	
Water	08/21/18 11:00	MCWP-MW07D (405734-004)	100.2 Asbestos	

Note:

Relinquished By	**Received By:**
Date/Time 8/22/18 1245	Date/Time
Date/Time	Date/Time

8/22/18 @ 12:45

7 °C

Enthalpy Analytical, LLC
931 W. Barkley Ave - Orange, CA 92868
Tel: (714)771-6900 Fax: (714)538-1209
www.enthalpy.com
info-sc@enthalpy.com

MONTROSE ENVIRONMENTAL

Client: Rincon Consultants - Ventura
Address: 180 North Ashwood Ave.
Ventura, CA 93003

Attn: Kiernan Brtalik

Comments: Malibu - Annual

Lab Request: 405770
Report Date: 09/04/2018
Date Received: 08/22/2018
Client ID: 15888

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods. Methods accredited by NELAC are indicated on the report. This cover letter is an integral part of the final report.

Sample #	Client Sample ID
405770-001	SMBRP-13
405770-002	SMBRP-7B

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

Ranjit K. K. Clarke

Report Review performed by: Ranjit Clarke, Project Manager

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 60 days from date received.

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Matrix: Water **Client:** Rincon Consultants - Ventura **Collector:** Client
Sampled: 08/22/2018 12:30 **Site:**
Sample #: **405770-001** **Client Sample #:** SMBRP-13 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024 Prep Method: None							QCBatchID:		
Total Organic Nitrogen	**0.3 J**	1	0.04	0.5	mg/L		08/31/18	SLL	J
Method: EPA 300.0 Prep Method: Method							QCBatchID: QC1194706		
Nitrate + Nitrite, as Nitrogen	ND	1	0.017	0.1	mg/L	08/22/18	08/22/18 20:23	CO	
Nitrate, as Nitrogen	ND	1	0.017	0.1	mg/L	08/22/18	08/22/18 20:23	CO	
Nitrite, as Nitrogen	ND	1	0.013	0.1	mg/L	08/22/18	08/22/18 20:23	CO	
Method: SM 2540-C Prep Method: Method							QCBatchID: QC1194823		
Total Dissolved Solids	**3200**	2	20	20	mg/L	08/23/18	08/23/18	DXN	
Method: SM 4500-NH3-G Prep Method: Method							QCBatchID: QC1194958		
Ammonia, as Nitrogen	**0.222**	1	0.01	0.1	mg/L	08/29/18	08/29/18	TP	
Method: SM 4500-NH3-G Prep Method: SM4500-Norg/Auto							QCBatchID: QC1194751		
Total Kjeldahl Nitrogen	**0.532**	1	0.052	0.4	mg/L	08/23/18	08/31/18	SLL	
Method: SM 4500-P-B-5-E Prep Method: 4500-P-B-5							QCBatchID: QC1195029		
Total Phosphorous as P	**0.314**	1	0.01	0.02	mg/L	08/30/18	08/30/18	TP	
Total Phosphorous as PO4	**0.963**	1	0.03	0.06	mg/L	08/30/18	08/30/18	TP	
Method: sm 9223-B-b Prep Method: Method							QCBatchID: QC1194759		
Fecal Coliform	**<2**	2			MPN/100ml	08/22/18 19:00	08/23/18	LH	
Total Coliform	**<2**	2			MPN/100ml	08/22/18 19:00	08/23/18	LH	

Matrix: Water **Client:** Rincon Consultants - Ventura **Collector:** Client
Sampled: 08/22/2018 13:20 **Site:**
Sample #: **405770-002** **Client Sample #:** SMBRP-7B **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024 Prep Method: None							QCBatchID:		
Total Organic Nitrogen	**0.1 J**	1	0.04	0.5	mg/L		08/31/18	TP	J
Method: EPA 300.0 Prep Method: Method							QCBatchID: QC1194706		
Nitrate + Nitrite, as Nitrogen	**0.57**	1	0.017	0.1	mg/L	08/22/18	08/22/18 20:40	CO	
Nitrate, as Nitrogen	**0.57**	1	0.017	0.1	mg/L	08/22/18	08/22/18 20:40	CO	
Nitrite, as Nitrogen	ND	1	0.013	0.1	mg/L	08/22/18	08/22/18 20:40	CO	
Method: SM 2540-C Prep Method: Method							QCBatchID: QC1194823		
Total Dissolved Solids	**2330**	2	20	20	mg/L	08/23/18	08/23/18	DXN	
Method: SM 4500-NH3-G Prep Method: Method							QCBatchID: QC1194958		
Ammonia, as Nitrogen	ND	1	0.01	0.1	mg/L	08/29/18	08/29/18	TP	
Method: SM 4500-NH3-G Prep Method: SM4500-Norg/Auto							QCBatchID: QC1194751		
Total Kjeldahl Nitrogen	**0.113 J**	1	0.052	0.4	mg/L	08/23/18	08/24/18	TP	J
Method: SM 4500-P-B-5-E Prep Method: 4500-P-B-5							QCBatchID: QC1195029		
Total Phosphorous as P	**0.802**	1	0.01	0.02	mg/L	08/30/18	08/30/18	TP	
Total Phosphorous as PO4	**2.46**	1	0.03	0.06	mg/L	08/30/18	08/30/18	TP	
Method: sm 9223-B-b Prep Method: Method							QCBatchID: QC1194759		
Fecal Coliform	**58**	2			MPN/100ml	08/22/18 19:00	08/23/18	LH	
Total Coliform	**74**	2			MPN/100ml	08/22/18 19:00	08/23/18	LH	

QCBatchID: QC1194706 **Analyst:** cota **Method:** EPA 300.0

Matrix: Water **Analyzed:** 08/22/2018 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1194706MB1					
Bromide	ND	mg/L	0.039	0.3	
Chloride	ND	mg/L	0.09	1	
Nitrate + Nitrite, as Nitrogen	ND	mg/L	0.017	0.44	
Nitrate, as Nitrogen	ND	mg/L	0.017	0.1	
Nitrite, as Nitrogen	ND	mg/L	0.013	0.1	
Sulfate	ND	mg/L	0.087	0.5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194706LCS1											
Bromide	15		14.3		mg/L	95			90-110		
Chloride	100		100		mg/L	100			90-110		
Nitrate, as Nitrogen	9.03		9.01		mg/L	100			90-110		
Nitrite, as Nitrogen	9.15		9.20		mg/L	101			90-110		
Sulfate	50		48.7		mg/L	97			90-110		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194706MS1, QC1194706MSD1												**Source: 405759-001**
Bromide	ND	15	15	14.3	15.9	mg/L	95	106	10.6	80-120	20	
Chloride	126	100	100	208	217	mg/L	82	91	4.2	80-120	20	
Nitrate, as Nitrogen	4.88	9.03	9.03	13.6	14.5	mg/L	97	107	6.4	80-120	20	
Nitrite, as Nitrogen	ND	9.15	9.15	8.25	9.19	mg/L	90	100	10.8	80-120	20	
Sulfate	128	50	50	169	173	mg/L	82	90	2.3	80-120	20	

QCBatchID: QC1194751 **Analyst:** trinh **Method:** SM 4500-NH3-G

Matrix: Water **Analyzed:** 08/23/2018 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1194751MB1					
Total Kjeldahl Nitrogen	ND	mg/L	0.052	0.4	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194751LCS1											
Total Kjeldahl Nitrogen	2.5		2.3		mg/L	92			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194751MS1, QC1194751MSD1												**Source: 405740-001**
Total Kjeldahl Nitrogen	0.505	12.5	12.5	12	13	mg/L	92	100	8.0	80-120	20	

QCBatchID: QC1194823	**Analyst:** tdang		**Method:** SM 2540-C		
Matrix: Water	**Analyzed:** 08/23/2018		**Instrument:** CHEM (group)		

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1194823MB1					
Total Dissolved Solids	ND	mg/L	10	10	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194823LCS1											
Total Dissolved Solids	95		103		mg/L	108			90-110		

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1194823DUP1						**Source: 405682-001**
Total Dissolved Solids	200	200	mg/L	0.0	5	

QCBatchID: QC1194958	**Analyst:** trinh		**Method:** SM 4500-NH3-G		
Matrix: Water	**Analyzed:** 08/29/2018		**Instrument:** CHEM (group)		

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1194958MB1					
Ammonia, as Nitrogen	ND	mg/L	0.01	0.1	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194958LCS1											
Ammonia, as Nitrogen	5		4.50		mg/L	90			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194958MS1, QC1194958MSD1												**Source: 405807-002**
Ammonia, as Nitrogen	0.222	5	5	5.60	5.58	mg/L	108	107	0.4	80-120	20	

QCBatchID: QC1195029 **Analyst:** tdang **Method:** SM 4500-P-B-5-E

Matrix: Water **Analyzed:** 08/30/2018 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1195029MB1					
Total Phosphorous as P	ND	mg/L	0.01	0.02	
Total Phosphorous as PO4	ND	mg/L	0.03	0.06	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1195029LCS1											
Total Phosphorous as P	0.4		0.433		mg/L	108			80-120		
Total Phosphorous as PO4	1.23		1.330		mg/L	108			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1195029MS1, QC1195029MSD1												**Source: 405694-001**
Total Phosphorous as P	0.230	0.4	0.4	0.653	0.700	mg/L	106	118	6.9	75-125	20	
Total Phosphorous as PO4	0.705	1.23	1.23	2.00	2.14	mg/L	105	117	6.8	75-125	20	

Data Qualifiers and Definitions

Qualifiers

A	See Report Comments.
B	Analyte was present in an associated method blank.
B1	Analyte was present in a sample and associated method blank greater than MDL but less than RDL.
BQ1	No valid test replicates. Sample Toxicity is possible. Best result was reported.
BQ2	No valid test replicates.
BQ3	No valid test replicates. Final DO is less than 1.0 mg/L. Result may be greater.
BQ4	Minor Dissolved Oxygen loss was observed in the blank water check, however, the LCS was within criteria, validating the batch.
BQ5	Minor Dissolved Oxygen loss was observed in the blank water check.
C	Possible laboratory contamination.
D	RPD was not within control limits. The sample data was reported without further clarification.
D1	Lesser amount of sample was used due to insufficient amount of sample supplied.
D2	Reporting limit is elevated due to sample matrix. Target analyte was not detected above the elevated reporting limit.
D3	Insufficient sample was supplied for TCLP. Client was notified. TCLP was performed per the Client's instructions.
DW	Sample result is calculated on a dry weigh basis.
E	Concentration is estimated because it exceeds the quantification limits of the method.
I	The sample was read outside of the method required incubation period.
IR	Inconclusive Result. Legionella is present, however, there is possible non-specific agglutination preventing specific identification.
J	Reported value is estimated
L	The laboratory control sample (LCS) or laboratory control sample duplicate (LCSD) was out of control limits. Associated sample data was reported with qualifier.
L2	LCS did not meet recovery criteria, however, the MS and/or MSD met LCS recovery criteria, validating the batch.
M	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits due to matrix interference. The associated LCS and/or LCSD was within control limits and the sample data was reported without further clarification.
M1	The matrix spike (MS) or matrix spike duplicate (MSD) is not within control limits due to matrix interference.
M2	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits. The associated LCS and/or LCSD was not within control limits. Sample result is estimated.
N1	Sample chromatography does not match the specified TPH standard pattern.
NC	The analyte concentration in the sample exceeded the spike level by a factor of four or greater, spike recovery and limits do not apply.
P	Sample was received without proper preservation according to EPA guidelines.
P1	Temperature of sample storage refrigerator was out of acceptance limits.
P2	The sample was preserved within 24 hours of collection in accordance with EPA 218.6.
P3	Per Client request, sample was composited for volatile analysis. Sample compositing for volatile analysis is not recommended due to potential loss of target analytes. Results may be biased low.
Q1	Analyte Calibration Verification exceeds criteria. The result is estimated.
Q2	Analyte calibration was not verified and the result was estimated.
Q3	Analyte initial calibration was not available or exceeds criteria. The result was estimated.
S	The surrogate recovery was out of control limits due to matrix interference. The associated method blank surrogate recovery was within control limits and the sample data was reported without further clarification.
S1	The associated surrogate recovery was out of control limits; result is estimated.
S2	The surrogate was diluted out due to the presence of high concentrations of target and/or non-target compounds. Surrogate recoveries in the associated batch QC met recovery criteria.
S3	Internal Standard did not meet recovery limits. Analyte concentration is estimated.
T	Sample was extracted/analyzed past the holding time.
T1	Reanalysis was reported past hold time due to failing replicates in the original analysis (BOD only).
T2	Sample was analyzed ASAP but received and analyzed past the 15 minute holding time.
T3	Sample received and analyzed out of hold time per client's request.
T4	Sample was analyzed out of hold time per client's request.
T5	Reanalysis was reported past hold time. The original analysis was within hold time, but not reportable.
T6	Hold time is indeterminable due to unspecified sampling time.
T7	Sample was analyzed past hold time due to insufficient time remaining at time of receipt.

Definitions

DF	Dilution Factor
MDL	Method Detection Limit. Result is reported ND when it is less than or equal to MDL.
ND	Analyte was not detected or was less than the detection limit.
NR	Not Reported. See Report Comments.
RDL	Reporting Detection Limit
TIC	Tentatively Identified Compounds

ENTHALPHY ANALYTICAL, INC.	Chain of Custody Record	Turn Around Time (Rush by advanced notice only)
931 W. Barkley Ave., Orange, CA 92868	Lab No: 405720	Standard: X / 4 Day: / 3 Day:
Phone: (714) 771-6900 Fax: (714) 538-1209	Page: 1 of 1	2 Day: / 1 Day: / Same Day:
Billing: Enthalpy - SoCal	Matrix: A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other	Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other
c/o Montrose Environmental Group		
1 Park Plaza, Suite 1000, Irvine, CA 92614		

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Rincon Consultants	Name:	Malibu - Annual
Report To:	Kiernan Brtalik	Number:	
Email:		P.O. #:	
Address:	180 N. Ashwood Ave.	Address:	
	Ventura, CA 93003		
Phone:		Global ID:	
Cell:		Sampled By:	Peter Doran

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Total /Fecal Coliforms - SM 9223 Quantitray	TKN; NH3; Organic Nitrogen (Calculation)	EPA 300.0 (NO2,NO3)	Total Phosphorus	SM 2540C TDS	Test Instructions / Comments
SMBRP-13	8.22.18	1230	W	4/VARIOUS	VARIOUS	X	X	X	X	X	
~~MCWP-MW10~~						X	X	X	X	X	PD
~~CCPE~~						X	X	X	X	X	PD
~~MBCMW-9~~						X	X	X	X	X	PD
SMBRP-7B	8.22.18	1320	W	4/VARIOUS	VARIOUS	X	X	X	X	X	
~~MCWP-MW05~~						X	X	X	X	X	PD
~~MCWP-MW06~~						X	X	X	X	X	PD

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Peter Doran	Rincon	8.22.18 / 1350
[1] Received By:		Kevin Nguyen	Enthalpy	8/22/18 1350
[2] Relinquished By:			Enthalpy	8/22/18 1604
[2] Received By:			ENT	8/22/18 1604
[3] Relinquished By:				

1.4/10.1 11.4/14.6

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Rincon - Ventura Project: Malibu - Annual

Date Received: 8/22/18 Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 1 ☐ No (skip section 2) Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 3.1 #2: _____ #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: _____

Section 3

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 3.2 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?	✓		
Are custody seals present?		✓	
If custody seals are present, were they intact?			✓
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)	✓		
Did all samples arrive intact? If no, indicate in Section 4 below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were the samples collected in the correct containers for the required tests?		✓	
Are the containers labeled with the correct preservatives?		✓	
Is there headspace in the VOA vials greater than 5-6 mm in diameter?		✓	
Was a sufficient amount of sample submitted for the requested tests?	✓		

Section 5 Explanations/Comments

SMBRP-13: Missing containers for Microbiology. The aliquot was subbed from a different container.

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____

☐ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: 8/22/18

Enthalpy Analytical, LLC
931 W. Barkley Ave - Orange, CA 92868
Tel: (714)771-6900 Fax: (714)538-1209
www.enthalpy.com
info-sc@enthalpy.com

MONTROSE ENVIRONMENTAL

Client: Rincon Consultants - Ventura
Address: 180 North Ashwood Ave.
Ventura, CA 93003

Attn: Kiernan Brtalik

Lab Request: 405783
Report Date: 09/21/2018
Date Received: 08/22/2018
Client ID: 15888

Comments: Malibu - Annual

This report contains all work performed directly by Enthalpy analytical plus all subcontract analyses except for EPA 1694M.

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods. Methods accredited by NELAC are indicated on the report. This cover letter is an integral part of the final report.

Sample #	Client Sample ID
405783-001	LAMW-5S
405783-002	SMBRP-12
405783-003	MCWP-MW09

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

Ranjit K. K. Clarke

Report Review performed by: Ranjit Clarke, Project Manager

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 60 days from date received.

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ACCREDITED IN ACCORDANCE WITH nelac

Matrix:	Water	**Client:**	Rincon Consultants - Ventura	**Collector:**	Client
Sampled:	08/22/2018 12:40	**Site:**			
Sample #:	**405783-001**	**Client Sample #:**	LAMW-5S	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024	Prep Method: None						QCBatchID:		
Total Organic Nitrogen	ND	1	0.1	0.5	mg/L		08/31/18	SLL	
Method: ALCH 4025	Prep Method: None						QCBatchID:		
Total Nitrogen	**10.6**	1	0.1	0.5	mg/L		08/31/18	SLL	
Method: EPA 100.1	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 1613B	Prep Method: See Attached						QCBatchID:		
See Attached		1							
Method: EPA 1625C	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 1664A	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 200.7	Prep Method: EPA 200.7						QCBatchID:		QC1194705
Boron	**0.257**	1	0.009	0.05	mg/L	08/23/18	08/23/18		
Calcium	**78.1**	1	0.038	0.1	mg/L	08/23/18	08/23/18		
Iron	**3.76**	1	0.012	0.02	mg/L	08/23/18	08/23/18		
Magnesium	**31.0**	1	0.016	0.1	mg/L	08/23/18	08/23/18		
Manganese	**0.079**	1	0.001	0.01	mg/L	08/23/18	08/23/18		
Potassium	**7.65**	1	0.24	0.5	mg/L	08/23/18	08/23/18		
Sodium	**74.4**	1	0.15	0.5	mg/L	08/23/18	08/23/18		
Method: EPA 200.8	Prep Method: Method						QCBatchID:		QC1194832
Arsenic	**3.98**	1	0.31	2	ug/L	08/27/18	08/27/18	CO	
See Attached		1							
Selenium	**0.913 J**	1	0.39	2	ug/L	08/27/18	08/30/18	CO	J
Zinc	**37.2**	1	2.7	10	ug/L	08/27/18	08/27/18	CO	
Method: EPA 218.6	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 245.1	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 300.0	Prep Method: Method						QCBatchID:		QC1194706
Chloride	**98.9**	1	0.09	1	mg/L	08/22/18	08/22/18 21:32	CO	
Nitrate + Nitrite, as Nitrogen	**10.6**	1	0.017	0.1	mg/L	08/22/18	08/22/18 21:32	CO	
Nitrate, as Nitrogen	**10.6**	1	0.017	0.1	mg/L	08/22/18	08/22/18 21:32	CO	
Nitrite, as Nitrogen	ND	1	0.013	0.1	mg/L	08/22/18	08/22/18 21:32	CO	
Sulfate	**71.8**	1	0.087	1	mg/L	08/22/18	08/22/18 21:32	CO	
Method: EPA 300.1	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 314.0	Prep Method: Method						QCBatchID:		QC1194912
Perchlorate	ND	1	1.1	2	ug/L	08/28/18	08/28/18	CO	
Method: EPA 504.1	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 508	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 515.3	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 524.2	Prep Method: 5030B						QCBatchID:		QC1194770
1,1,1-Trichloroethane	ND	1	0.119	0.5	ug/L		08/24/18	LZ	
1,1,2,2-Tetrachloroethane	ND	1	0.223	0.5	ug/L		08/24/18	LZ	
1,1,2-Trichloroethane	ND	1	0.136	0.5	ug/L		08/24/18	LZ	
1,1,2-Trichlorotrifluoroethane	ND	1	0.134	0.5	ug/L		08/24/18	LZ	
1,1-Dichloroethane	ND	1	0.109	0.5	ug/L		08/24/18	LZ	

Matrix: Water **Client:** Rincon Consultants - Ventura **Collector:** Client
Sampled: 08/22/2018 12:40 **Site:**
Sample #: **405783-001** **Client Sample #:** LAMW-5S **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
1,1-Dichloroethene	ND	1	0.144	0.5	ug/L		08/24/18	LZ	
1,2,4-Trichlorobenzene	ND	1	0.162	0.5	ug/L		08/24/18	LZ	
1,2-Dichlorobenzene	ND	1	0.161	0.5	ug/L		08/24/18	LZ	
1,2-Dichloroethane	ND	1	0.113	0.5	ug/L		08/24/18	LZ	
1,2-Dichloropropane	ND	1	0.197	0.5	ug/L		08/24/18	LZ	
1,3-Dichlorobenzene	ND	1	0.176	0.5	ug/L		08/24/18	LZ	
1,4-Dichlorobenzene	ND	1	0.185	0.5	ug/L		08/24/18	LZ	
Benzene	ND	1	0.124	0.5	ug/L		08/24/18	LZ	
Bromodichloromethane	ND	1	0.161	0.5	ug/L		08/24/18	LZ	
Bromoform	ND	1	0.142	0.5	ug/L		08/24/18	LZ	
Bromomethane	ND	1	0.185	0.5	ug/L		08/24/18	LZ	
Carbon Tetrachloride	ND	1	0.115	0.5	ug/L		08/24/18	LZ	
Chlorobenzene	ND	1	0.131	0.5	ug/L		08/24/18	LZ	
Chlorodibromomethane	ND	1	0.13	0.5	ug/L		08/24/18	LZ	
Chloroethane	ND	1	0.4	0.5	ug/L		08/24/18	LZ	
Chloroform	**5.6**	1	0.103	0.5	ug/L		08/24/18	LZ	
Chloromethane	ND	1	0.095	0.5	ug/L		08/24/18	LZ	
cis-1,2-Dichloroethene	ND	1	0.114	0.5	ug/L		08/24/18	LZ	
cis-1,3-dichloropropene	ND	1	0.107	0.5	ug/L		08/24/18	LZ	
Ethylbenzene	ND	1	0.149	0.5	ug/L		08/24/18	LZ	
m and p-Xylene	ND	1	0.278	0.5	ug/L		08/24/18	LZ	
Methylene chloride	ND	1	0.155	0.5	ug/L		08/24/18	LZ	
Methyl-t-butyl Ether (MTBE)	ND	1	0.15	0.5	ug/L		08/24/18	LZ	
Styrene	ND	1	0.108	0.5	ug/L		08/24/18	LZ	
Tetrachloroethene	ND	1	0.372	0.5	ug/L		08/24/18	LZ	
Toluene	ND	1	0.142	0.5	ug/L		08/24/18	LZ	
trans-1,2-dichloroethene	ND	1	0.112	0.5	ug/L		08/24/18	LZ	
trans-1,3-dichloropropene	ND	1	0.148	0.5	ug/L		08/24/18	LZ	
Trichloroethene	ND	1	0.239	0.5	ug/L		08/24/18	LZ	
Trichlorofluoromethane	ND	1	0.097	0.5	ug/L		08/24/18	LZ	
Vinyl Chloride	ND	1	0.06	0.5	ug/L		08/24/18	LZ	

Method: EPA 525.2	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 531.1	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 547	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 548.1	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 549.2	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 552.2	Prep Method: See Attached						QCBatchID:		
See Attached		1							
Method: EPA 624	Prep Method: 5030B						QCBatchID:		QC1194770
2-Chloroethyl Vinyl Ether	ND	1	0.23	5	ug/L		08/24/18	LZ	
Acrolein	ND	1	3.3	5	ug/L		08/24/18	LZ	
Acrylonitrile	ND	1	1.6	2	ug/L		08/24/18	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*94*	*70-135*	
4-Bromofluorobenzene (SUR)	*115*	*70-135*	
Dibromofluoromethane (SUR)	*96*	*70-135*	
Toluene-d8 (SUR)	*101*	*70-135*	

Matrix: Water	**Client:** Rincon Consultants - Ventura		**Collector:** Client		
Sampled: 08/22/2018 12:40	**Site:**				
Sample #: 405783-001	**Client Sample #:** LAMW-5S		**Sample Type:**		

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 625	Prep Method: See Attached						QCBatchID:		
See Attached		1							
Method: EPA 900.0	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 903.1	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 904.0	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 905.0	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 906.0	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 908.0	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: SM 2120-B	Prep Method: Method						QCBatchID:		QC1194713
Color	ND	1	5	5	Color Unit		08/22/18 18:00	TP	
Method: SM 2130-B	Prep Method: Method						QCBatchID:		QC1194710
Turbidity	**45**	1	0.1	0.1	NTU		08/22/18 18:00	TP	
Method: SM 2150-B	Prep Method: Method						QCBatchID:		QC1194712
Odor Threshold	ND	1	1	1	T.O.N		08/22/18 18:00	TP	
Method: SM 2320-B	Prep Method: Method						QCBatchID:		QC1194909
Total Alkalinity (as CaCO3)	**240**	2.5	12.5	12.5	mg/L		08/28/18	WW	
Method: SM 2330B	Prep Method: Method						QCBatchID:		QC1195039
CCPP	**-0.11**	1					08/31/18	SLL	
Method: SM 2540-C	Prep Method: Method						QCBatchID:		QC1194893
Total Dissolved Solids	**588**	2	20	20	mg/L	08/27/18	08/27/18	TD	
Method: SM 2540-D	Prep Method: SM 2540-D						QCBatchID:		QC1194877
Total Suspended Solids	**29.8**	1.05	0.525	0.525	mg/L	08/27/18	08/27/18	TP	
Method: SM 4500-Cl	Prep Method: Method						QCBatchID:		QC1194717
Chlorine, Total Residual	ND	1	0.01	0.1	mg/L		08/23/18 10:22	WW	T2
Method: SM 4500-CN-E	Prep Method: Method						QCBatchID:		QC1194786
Cyanide	ND	1	0.002	0.01	mg/L	08/24/18	08/28/18	TP	
Method: SM 4500-F-C	Prep Method: Method						QCBatchID:		QC1194883
Fluoride	**0.261**	1	0.005	0.1	mg/L		08/27/18	WW	
Method: SM 4500-H+B	Prep Method: Method						QCBatchID:		QC1194744
pH	**7.10**	1			pH Units		08/23/18 16:00	WW	T2
Method: SM 4500-NH3-G	Prep Method: Method						QCBatchID:		QC1194958
Ammonia, as Nitrogen	ND	1	0.01	0.1	mg/L	08/29/18	08/29/18	TP	
Method: SM 4500-NH3-G	Prep Method: SM4500-Norg/Auto						QCBatchID:		QC1194751
Total Kjeldahl Nitrogen	ND	1	0.052	0.4	mg/L	08/23/18	08/24/18	TP	
Method: SM 4500-P-B-5-E	Prep Method: 4500-P-B-5						QCBatchID:		QC1195027
Total Phosphorous as P	**4.35**	16	0.16	0.32	mg/L	08/30/18	08/30/18	TP	
Total Phosphorous as PO4	**13.3**	16	0.48	0.96	mg/L	08/30/18	08/30/18	TP	
Method: SM 5210-B	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: SM 5310B	Prep Method: Method						QCBatchID:		QC1194838
Total Organic Carbon (TOC)	**4.32**	1	0.203	1	mg/L	08/24/18	08/24/18	TP	
Method: SM 5540-C	Prep Method: Method						QCBatchID:		QC1194831
MBAS	**0.021 J**	1	0.018	0.04	mg/L	08/24/18 08:45	08/24/18 22:15	TP	J

Matrix:	Water	**Client:**	Rincon Consultants - Ventura	**Collector:**	Client
Sampled:	08/22/2018 12:40	**Site:**			
Sample #:	**405783-001**	**Client Sample #:**	LAMW-5S	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: sm 9223-B-b	Prep Method: Method						QCBatchID: QC1194759		
Fecal Coliform	**<2**	2			MPN/100ml	08/22/18 19:00	08/23/18	LH	
Total Coliform	**160**	2			MPN/100ml	08/22/18 19:00	08/23/18	LH	

Matrix: Water **Client:** Rincon Consultants - Ventura **Collector:** Client
Sampled: 08/22/2018 10:30 **Site:**
Sample #: 405783-002 **Client Sample #:** SMBRP-12 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024 Prep Method: None							QCBatchID:		
Total Organic Nitrogen	**0.4 J**	1	0.1	0.5	mg/L		08/31/18	SLL	J
Method: ALCH 4025 Prep Method: None							QCBatchID:		
Total Nitrogen	**5.40**	1	0.1	0.5	mg/L		08/31/18	SLL	
Method: EPA 100.1 Prep Method: Method							QCBatchID:		
See Attached		1							
Method: EPA 1613B Prep Method: See Attached							QCBatchID:		
See Attached		1							
Method: EPA 1625C Prep Method: Method							QCBatchID:		
See Attached		1							
Method: EPA 1664A Prep Method: Method							QCBatchID:		
See Attached		1							
Method: EPA 200.7 Prep Method: EPA 200.7							QCBatchID:		QC1194705
Boron	**0.874**	1	0.009	0.05	mg/L	08/23/18	08/23/18	KLN	
Calcium	**82.7**	1	0.038	0.1	mg/L	08/23/18	08/23/18	KLN	
Iron	**1.52**	1	0.012	0.02	mg/L	08/23/18	08/23/18	KLN	
Magnesium	**67.3**	1	0.016	0.1	mg/L	08/23/18	08/23/18	KLN	
Manganese	**0.350**	1	0.001	0.01	mg/L	08/23/18	08/23/18	KLN	
Potassium	**29.4**	1	0.24	0.5	mg/L	08/23/18	08/23/18	KLN	
Sodium	**459**	1	0.15	0.5	mg/L	08/23/18	08/23/18	KLN	
Method: EPA 200.8 Prep Method: Method							QCBatchID:		QC1194832
Arsenic	**18.4**	1	0.31	2	ug/L	08/27/18	08/27/18	CO	
See Attached		1							
Selenium	**3.33**	1	0.39	2	ug/L	08/27/18	08/30/18	CO	
Zinc	**16.7**	1	2.7	10	ug/L	08/27/18	08/27/18	CO	
Method: EPA 218.6 Prep Method: Method							QCBatchID:		
See Attached		1							
Method: EPA 245.1 Prep Method: Method							QCBatchID:		
See Attached		1							
Method: EPA 300.0 Prep Method: Method							QCBatchID:		QC1194706
Chloride	**523**	10	0.9	10	mg/L	08/22/18	08/23/18 16:39	CO	
Nitrate + Nitrite, as Nitrogen	ND	1	0.017	0.1	mg/L	08/22/18	08/22/18 21:50	CO	
Nitrate, as Nitrogen	ND	1	0.017	0.1	mg/L	08/22/18	08/22/18 21:50	CO	
Nitrite, as Nitrogen	ND	1	0.013	0.1	mg/L	08/22/18	08/22/18 21:50	CO	
Sulfate	**397**	10	0.87	10	mg/L	08/22/18	08/23/18 16:39	CO	
Method: EPA 300.1 Prep Method: Method							QCBatchID:		
See Attached		1							
Method: EPA 314.0 Prep Method: Method							QCBatchID:		QC1194912
Perchlorate	ND	1	1.1	2	ug/L	08/28/18	08/28/18	CO	
Method: EPA 504.1 Prep Method: Method							QCBatchID:		
See Attached		1							
Method: EPA 508 Prep Method: Method							QCBatchID:		
See Attached		1							
Method: EPA 515.3 Prep Method: Method							QCBatchID:		
See Attached		1							
Method: EPA 524.2 Prep Method: 5030B							QCBatchID:		QC1194770
1,1,1-Trichloroethane	ND	1	0.119	0.5	ug/L		08/24/18	LZ	
1,1,2,2-Tetrachloroethane	ND	1	0.223	0.5	ug/L		08/24/18	LZ	
1,1,2-Trichloroethane	ND	1	0.136	0.5	ug/L		08/24/18	LZ	
1,1,2-Trichlorotrifluoroethane	ND	1	0.134	0.5	ug/L		08/24/18	LZ	
1,1-Dichloroethane	ND	1	0.109	0.5	ug/L		08/24/18	LZ	

Matrix:	Water	**Client:**	Rincon Consultants - Ventura	**Collector:**	Client
Sampled:	08/22/2018 10:30	**Site:**			
Sample #:	**405783-002**	**Client Sample #:**	SMBRP-12	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
1,1-Dichloroethene	ND	1	0.144	0.5	ug/L		08/24/18	LZ	
1,2,4-Trichlorobenzene	ND	1	0.162	0.5	ug/L		08/24/18	LZ	
1,2-Dichlorobenzene	ND	1	0.161	0.5	ug/L		08/24/18	LZ	
1,2-Dichloroethane	ND	1	0.113	0.5	ug/L		08/24/18	LZ	
1,2-Dichloropropane	ND	1	0.197	0.5	ug/L		08/24/18	LZ	
1,3-Dichlorobenzene	**0.31 J**	1	0.176	0.5	ug/L		08/24/18	LZ	J
1,4-Dichlorobenzene	**0.37 J**	1	0.185	0.5	ug/L		08/24/18	LZ	J
Benzene	ND	1	0.124	0.5	ug/L		08/24/18	LZ	
Bromodichloromethane	ND	1	0.161	0.5	ug/L		08/24/18	LZ	
Bromoform	ND	1	0.142	0.5	ug/L		08/24/18	LZ	
Bromomethane	ND	1	0.185	0.5	ug/L		08/24/18	LZ	
Carbon Tetrachloride	ND	1	0.115	0.5	ug/L		08/24/18	LZ	
Chlorobenzene	ND	1	0.131	0.5	ug/L		08/24/18	LZ	
Chlorodibromomethane	ND	1	0.13	0.5	ug/L		08/24/18	LZ	
Chloroethane	ND	1	0.4	0.5	ug/L		08/24/18	LZ	
Chloroform	ND	1	0.103	0.5	ug/L		08/24/18	LZ	
Chloromethane	ND	1	0.095	0.5	ug/L		08/24/18	LZ	
cis-1,2-Dichloroethene	**0.36 J**	1	0.114	0.5	ug/L		08/24/18	LZ	J
cis-1,3-dichloropropene	ND	1	0.107	0.5	ug/L		08/24/18	LZ	
Ethylbenzene	ND	1	0.149	0.5	ug/L		08/24/18	LZ	
m and p-Xylene	ND	1	0.278	0.5	ug/L		08/24/18	LZ	
Methylene chloride	ND	1	0.155	0.5	ug/L		08/24/18	LZ	
Methyl-t-butyl Ether (MTBE)	ND	1	0.15	0.5	ug/L		08/24/18	LZ	
Styrene	ND	1	0.108	0.5	ug/L		08/24/18	LZ	
Tetrachloroethene	ND	1	0.372	0.5	ug/L		08/24/18	LZ	
Toluene	ND	1	0.142	0.5	ug/L		08/24/18	LZ	
trans-1,2-dichloroethene	ND	1	0.112	0.5	ug/L		08/24/18	LZ	
trans-1,3-dichloropropene	ND	1	0.148	0.5	ug/L		08/24/18	LZ	
Trichloroethene	ND	1	0.239	0.5	ug/L		08/24/18	LZ	
Trichlorofluoromethane	ND	1	0.097	0.5	ug/L		08/24/18	LZ	
Vinyl Chloride	ND	1	0.06	0.5	ug/L		08/24/18	LZ	

Method: EPA 525.2	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 531.1	**Prep Method: Method**						**QCBatchID:**		
See Attached		1							
Method: EPA 547	**Prep Method: Method**						**QCBatchID:**		
See Attached		1							
Method: EPA 548.1	**Prep Method: Method**						**QCBatchID:**		
See Attached		1							
Method: EPA 549.2	**Prep Method: Method**						**QCBatchID:**		
See Attached		1							
Method: EPA 552.2	**Prep Method: See Attached**						**QCBatchID:**		
See Attached		1							
Method: EPA 624	**Prep Method: 5030B**						**QCBatchID:**		**QC1194770**
2-Chloroethyl Vinyl Ether	ND	1	0.23	5	ug/L		08/24/18	LZ	
Acrolein	ND	1	3.3	5	ug/L		08/24/18	LZ	
Acrylonitrile	ND	1	1.6	2	ug/L		08/24/18	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*97*	*70-135*	
4-Bromofluorobenzene (SUR)	*113*	*70-135*	
Dibromofluoromethane (SUR)	*97*	*70-135*	
Toluene-d8 (SUR)	*102*	*70-135*	

Matrix: Water	**Client:** Rincon Consultants - Ventura		**Collector:** Client		
Sampled: 08/22/2018 10:30	**Site:**				
Sample #: 405783-002	**Client Sample #:** SMBRP-12		**Sample Type:**		

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 625	Prep Method: See Attached						QCBatchID:		
See Attached		1							
Method: EPA 900.0	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 903.1	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 904.0	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 905.0	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 906.0	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 908.0	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: SM 2120-B	Prep Method: Method						QCBatchID:		QC1194713
Color	ND	1	5	5	Color Unit		08/22/18 18:00	TP	
Method: SM 2130-B	Prep Method: Method						QCBatchID:		QC1194710
Turbidity	**9.4**	1	0.1	0.1	NTU		08/22/18 18:00	TP	
Method: SM 2150-B	Prep Method: Method						QCBatchID:		QC1194712
Odor Threshold	ND	1	1	1	T.O.N		08/22/18 18:00	TP	
Method: SM 2320-B	Prep Method: Method						QCBatchID:		QC1194909
Total Alkalinity (as CaCO3)	**380**	2.5	12.5	12.5	mg/L		08/28/18	WW	
Method: SM 2330B	Prep Method: Method						QCBatchID:		QC1195039
CCPP	**0.11**	1					08/31/18	SLL	
Method: SM 2540-C	Prep Method: Method						QCBatchID:		QC1194893
Total Dissolved Solids	**1850**	2	20	20	mg/L	08/27/18	08/27/18	TD	
Method: SM 2540-D	Prep Method: SM 2540-D						QCBatchID:		QC1194877
Total Suspended Solids	**8.2**	1.05	0.525	0.525	mg/L	08/27/18	08/27/18	TP	
Method: SM 4500-Cl	Prep Method: Method						QCBatchID:		QC1194717
Chlorine, Total Residual	ND	1	0.01	0.1	mg/L		08/23/18 10:22	WW	T2
Method: SM 4500-CN-E	Prep Method: Method						QCBatchID:		QC1194786
Cyanide	ND	1	0.002	0.01	mg/L	08/24/18	08/28/18	TP	
Method: SM 4500-F-C	Prep Method: Method						QCBatchID:		QC1194883
Fluoride	**0.479**	1	0.005	0.1	mg/L		08/27/18	WW	
Method: SM 4500-H+B	Prep Method: Method						QCBatchID:		QC1194744
pH	**7.24**	1			pH Units		08/23/18 16:00	WW	T2
Method: SM 4500-NH3-G	Prep Method: Method						QCBatchID:		QC1194958
Ammonia, as Nitrogen	**4.99**	1	0.01	0.1	mg/L	08/29/18	08/29/18	TP	
Method: SM 4500-NH3-G	Prep Method: SM4500-Norg/Auto						QCBatchID:		QC1194751
Total Kjeldahl Nitrogen	**5.4**	1	0.052	0.4	mg/L	08/23/18	08/24/18	TP	
Method: SM 4500-P-B-5-E	Prep Method: 4500-P-B-5						QCBatchID:		QC1195027
Total Phosphorous as P	**1.000**	4	0.04	0.08	mg/L	08/30/18	08/30/18	TP	
Total Phosphorous as PO4	**3.06**	4	0.12	0.24	mg/L	08/30/18	08/30/18	TP	
Method: SM 5210-B	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: SM 5310B	Prep Method: Method						QCBatchID:		QC1194838
Total Organic Carbon (TOC)	**14.1**	1	0.203	1	mg/L	08/24/18	08/24/18	TP	
Method: SM 5540-C	Prep Method: Method						QCBatchID:		QC1194831
MBAS	**0.082**	1	0.018	0.04	mg/L	08/24/18 08:45	08/24/18 22:15	TP	

Matrix:	Water	**Client:**	Rincon Consultants - Ventura	**Collector:**	Client
Sampled:	08/22/2018 10:30	**Site:**			
Sample #:	**405783-002**	**Client Sample #:**	SMBRP-12	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: sm 9223-B-b	Prep Method: Method						QCBatchID: QC1194759		
Fecal Coliform	**<2**	2			MPN/100ml	08/22/18 19:00	08/23/18	LH	
Total Coliform	**88**	2			MPN/100ml	08/22/18 19:00	08/23/18	LH	

Matrix: Water **Client:** Rincon Consultants - Ventura **Collector:** Client
Sampled: 08/22/2018 11:30 **Site:**
Sample #: 405783-003 **Client Sample #:** MCWP-MW09 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024 Prep Method: None							QCBatchID:		
Total Organic Nitrogen	ND	1	0.1	0.5	mg/L		08/31/18	SLL	
Method: ALCH 4025 Prep Method: None							QCBatchID:		
Total Nitrogen	**2.20**	1	0.1	0.5	mg/L		08/31/18	SLL	
Method: EPA 100.1 Prep Method: Method							QCBatchID:		
See Attached		1							
Method: EPA 1613B Prep Method: See Attached							QCBatchID:		
See Attached		1							
Method: EPA 1625C Prep Method: Method							QCBatchID:		
See Attached		1							
Method: EPA 1664A Prep Method: Method							QCBatchID:		
See Attached		1							
Method: EPA 200.7 Prep Method: EPA 200.7							QCBatchID:		QC1194705
Boron	**0.808**	1	0.009	0.05	mg/L	08/23/18	08/23/18	KLN	
Calcium	**90.3**	1	0.038	0.1	mg/L	08/23/18	08/23/18	KLN	
Iron	**0.796**	1	0.012	0.02	mg/L	08/23/18	08/23/18	KLN	
Magnesium	**90.6**	1	0.016	0.1	mg/L	08/23/18	08/23/18	KLN	
Manganese	**0.150**	1	0.001	0.01	mg/L	08/23/18	08/23/18	KLN	
Potassium	**14.8**	1	0.24	0.5	mg/L	08/23/18	08/23/18	KLN	
Sodium	**568**	1	0.15	0.5	mg/L	08/23/18	08/23/18	KLN	
Method: EPA 200.8 Prep Method: Method							QCBatchID:		QC1194832
Arsenic	**3.47**	1	0.31	2	ug/L	08/27/18	08/27/18	CO	
See Attached		1							
Selenium	**3.39**	1	0.39	2	ug/L	08/27/18	08/30/18	CO	
Zinc	**11.4**	1	2.7	10	ug/L	08/27/18	08/27/18	CO	
Method: EPA 218.6 Prep Method: Method							QCBatchID:		
See Attached		1							
Method: EPA 245.1 Prep Method: Method							QCBatchID:		
See Attached		1							
Method: EPA 300.0 Prep Method: Method							QCBatchID:		QC1194706
Chloride	**703**	10	0.9	10	mg/L	08/22/18	08/23/18 16:56	CO	
Nitrate + Nitrite, as Nitrogen	ND	1	0.017	0.1	mg/L	08/22/18	08/22/18 22:07	CO	
Nitrate, as Nitrogen	ND	1	0.017	0.1	mg/L	08/22/18	08/22/18 22:07	CO	
Nitrite, as Nitrogen	ND	1	0.013	0.1	mg/L	08/22/18	08/22/18 22:07	CO	
Sulfate	**620**	10	0.87	10	mg/L	08/22/18	08/23/18 16:56	CO	
Method: EPA 300.1 Prep Method: Method							QCBatchID:		
See Attached		1							
Method: EPA 314.0 Prep Method: Method							QCBatchID:		QC1194912
Perchlorate	ND	1	1.1	2	ug/L	08/28/18	08/28/18	CO	
Method: EPA 504.1 Prep Method: Method							QCBatchID:		
See Attached		1							
Method: EPA 515.3 Prep Method: Method							QCBatchID:		
See Attached		1							
Method: EPA 524.2 Prep Method: 5030B							QCBatchID:		QC1194770
1,1,1-Trichloroethane	ND	1	0.119	0.5	ug/L		08/24/18	LZ	
1,1,2,2-Tetrachloroethane	ND	1	0.223	0.5	ug/L		08/24/18	LZ	
1,1,2-Trichloroethane	ND	1	0.136	0.5	ug/L		08/24/18	LZ	
1,1,2-Trichlorotrifluoroethane	ND	1	0.134	0.5	ug/L		08/24/18	LZ	
1,1-Dichloroethane	ND	1	0.109	0.5	ug/L		08/24/18	LZ	
1,1-Dichloroethene	ND	1	0.144	0.5	ug/L		08/24/18	LZ	
1,2,4-Trichlorobenzene	ND	1	0.162	0.5	ug/L		08/24/18	LZ	

Matrix: Water **Client:** Rincon Consultants - Ventura **Collector:** Client
Sampled: 08/22/2018 11:30 **Site:**
Sample #: **405783-003** **Client Sample #:** MCWP-MW09 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
1,2-Dichlorobenzene	ND	1	0.161	0.5	ug/L		08/24/18	LZ	
1,2-Dichloroethane	ND	1	0.113	0.5	ug/L		08/24/18	LZ	
1,2-Dichloropropane	ND	1	0.197	0.5	ug/L		08/24/18	LZ	
1,3-Dichlorobenzene	ND	1	0.176	0.5	ug/L		08/24/18	LZ	
1,4-Dichlorobenzene	ND	1	0.185	0.5	ug/L		08/24/18	LZ	
Benzene	ND	1	0.124	0.5	ug/L		08/24/18	LZ	
Bromodichloromethane	ND	1	0.161	0.5	ug/L		08/24/18	LZ	
Bromoform	ND	1	0.142	0.5	ug/L		08/24/18	LZ	
Bromomethane	ND	1	0.185	0.5	ug/L		08/24/18	LZ	
Carbon Tetrachloride	ND	1	0.115	0.5	ug/L		08/24/18	LZ	
Chlorobenzene	ND	1	0.131	0.5	ug/L		08/24/18	LZ	
Chlorodibromomethane	ND	1	0.13	0.5	ug/L		08/24/18	LZ	
Chloroethane	ND	1	0.4	0.5	ug/L		08/24/18	LZ	
Chloroform	ND	1	0.103	0.5	ug/L		08/24/18	LZ	
Chloromethane	ND	1	0.095	0.5	ug/L		08/24/18	LZ	
cis-1,2-Dichloroethene	ND	1	0.114	0.5	ug/L		08/24/18	LZ	
cis-1,3-dichloropropene	ND	1	0.107	0.5	ug/L		08/24/18	LZ	
Ethylbenzene	ND	1	0.149	0.5	ug/L		08/24/18	LZ	
m and p-Xylene	ND	1	0.278	0.5	ug/L		08/24/18	LZ	
Methylene chloride	ND	1	0.155	0.5	ug/L		08/24/18	LZ	
Methyl-t-butyl Ether (MTBE)	ND	1	0.15	0.5	ug/L		08/24/18	LZ	
Styrene	ND	1	0.108	0.5	ug/L		08/24/18	LZ	
Tetrachloroethene	ND	1	0.372	0.5	ug/L		08/24/18	LZ	
Toluene	ND	1	0.142	0.5	ug/L		08/24/18	LZ	
trans-1,2-dichloroethene	ND	1	0.112	0.5	ug/L		08/24/18	LZ	
trans-1,3-dichloropropene	ND	1	0.148	0.5	ug/L		08/24/18	LZ	
Trichloroethene	ND	1	0.239	0.5	ug/L		08/24/18	LZ	
Trichlorofluoromethane	ND	1	0.097	0.5	ug/L		08/24/18	LZ	
Vinyl Chloride	ND	1	0.06	0.5	ug/L		08/24/18	LZ	

Method: EPA 525.2 Prep Method: Method QCBatchID:
See Attached 1

Method: EPA 531.1 Prep Method: Method QCBatchID:
See Attached 1

Method: EPA 547 Prep Method: Method QCBatchID:
See Attached 1

Method: EPA 548.1 Prep Method: Method QCBatchID:
See Attached 1

Method: EPA 549.2 Prep Method: Method QCBatchID:
See Attached 1

Method: EPA 552.2 Prep Method: See Attached QCBatchID:
See Attached 1

Method: EPA 624 Prep Method: 5030B QCBatchID: QC1194770

2-Chloroethyl Vinyl Ether	ND	1	0.23	5	ug/L		08/24/18	LZ
Acrolein	ND	1	3.3	5	ug/L		08/24/18	LZ
Acrylonitrile	ND	1	1.6	2	ug/L		08/24/18	LZ

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*95*	*70-135*	
4-Bromofluorobenzene (SUR)	*116*	*70-135*	
Dibromofluoromethane (SUR)	*99*	*70-135*	
Toluene-d8 (SUR)	*102*	*70-135*	

Method: EPA 625 Prep Method: See Attached QCBatchID:
See Attached 1

Matrix:	Water	**Client:**	Rincon Consultants - Ventura	**Collector:**	Client
Sampled:	08/22/2018 11:30	**Site:**			
Sample #:	**405783-003**	**Client Sample #:**	MCWP-MW09	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 900.0	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 903.1	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 904.0	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 905.0	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 906.0	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 908.0	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: SM 2120-B	Prep Method: Method						QCBatchID:		QC1194713
Color	ND	1	5	5	Color Unit		08/22/18 18:00	TP	
Method: SM 2130-B	Prep Method: Method						QCBatchID:		QC1194710
Turbidity	**7.0**	1	0.1	0.1	NTU		08/22/18 18:00	TP	
Method: SM 2150-B	Prep Method: Method						QCBatchID:		QC1194712
Odor Threshold	ND	1	1	1	T.O.N		08/22/18 18:00	TP	
Method: SM 2320-B	Prep Method: Method						QCBatchID:		QC1194909
Total Alkalinity (as CaCO3)	**310**	2.5	12.5	12.5	mg/L		08/28/18	WW	
Method: SM 2330B	Prep Method: Method						QCBatchID:		QC1195039
CCPP	**0.18**	1					08/31/18	SLL	
Method: SM 2540-C	Prep Method: Method						QCBatchID:		QC1194893
Total Dissolved Solids	**2280**	2	20	20	mg/L	08/27/18	08/27/18	TD	
Method: SM 2540-D	Prep Method: SM 2540-D						QCBatchID:		QC1194877
Total Suspended Solids	**7.7**	1.05	0.525	0.525	mg/L	08/27/18	08/27/18	TP	
Method: SM 4500-Cl	Prep Method: Method						QCBatchID:		QC1194717
Chlorine, Total Residual	ND	1	0.01	0.1	mg/L		08/23/18 10:22	WW	T2
Method: SM 4500-CN-E	Prep Method: Method						QCBatchID:		QC1194786
Cyanide	ND	1	0.002	0.01	mg/L	08/24/18	08/28/18	TP	
Method: SM 4500-F-C	Prep Method: Method						QCBatchID:		QC1194883
Fluoride	**0.462**	1	0.005	0.1	mg/L		08/27/18	WW	
Method: SM 4500-H+B	Prep Method: Method						QCBatchID:		QC1194744
pH	**7.39**	1			pH Units		08/23/18 16:00	WW	T2
Method: SM 4500-NH3-G	Prep Method: Method						QCBatchID:		QC1194958
Ammonia, as Nitrogen	**2.32**	1	0.01	0.1	mg/L	08/29/18	08/29/18	TP	
Method: SM 4500-NH3-G	Prep Method: SM4500-Norg/Auto						QCBatchID:		QC1194751
Total Kjeldahl Nitrogen	**2.2**	1	0.052	0.4	mg/L	08/23/18	08/24/18	TP	
Method: SM 4500-P-B-5-E	Prep Method: 4500-P-B-5						QCBatchID:		QC1195027
Total Phosphorous as P	**0.372**	1	0.01	0.02	mg/L	08/30/18	08/30/18	TP	
Total Phosphorous as PO4	**1.140**	1	0.03	0.06	mg/L	08/30/18	08/30/18	TP	
Method: SM 5210-B	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: SM 5310B	Prep Method: Method						QCBatchID:		QC1194838
Total Organic Carbon (TOC)	**7.62**	1	0.203	1	mg/L	08/24/18	08/24/18	TP	
Method: SM 5540-C	Prep Method: Method						QCBatchID:		QC1194831
MBAS	ND	1	0.018	0.04	mg/L	08/24/18 08:45	08/24/18 22:15	TP	
Method: sm 9223-B-b	Prep Method: Method						QCBatchID:		QC1194759
Fecal Coliform	**<2**	2			MPN/100ml	08/22/18 19:00	08/23/18	LH	

Matrix:	Water	**Client:**	Rincon Consultants - Ventura	**Collector:**	Client
Sampled:	08/22/2018 11:30	**Site:**			
Sample #:	**405783-003**	**Client Sample #:**	MCWP-MW09	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Total Coliform	**<2**	2			MPN/100ml	08/22/18 19:00	08/23/18	LH	

QCBatchID: QC1194705 **Analyst:** dswafford **Method:** EPA 200.7

Matrix: Water **Analyzed:** 08/23/2018 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1194705MB1					
Boron	**0.010 J**	mg/L	0.009	0.05	
Calcium	ND	mg/L	0.038	0.1	
Chromium	ND	mg/L	0.002	0.01	
Copper	ND	mg/L	0.001	0.01	
Iron	ND	mg/L	0.012	0.02	
Magnesium	ND	mg/L	0.016	0.1	
Manganese	ND	mg/L	0.001	0.01	
Potassium	ND	mg/L	0.24	0.5	
Sodium	ND	mg/L	0.15	0.5	
Zinc	**0.006 J**	mg/L	0.002	0.05	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194705LCS1											
Boron	2		2.03		mg/L	102			85-115		
Calcium	20		20.1		mg/L	101			85-115		
Chromium	2		2.05		mg/L	103			85-115		
Copper	2		1.92		mg/L	96			85-115		
Iron	2		2.15		mg/L	108			85-115		
Magnesium	20		20.3		mg/L	102			85-115		
Manganese	2		1.99		mg/L	100			85-115		
Potassium	38		36.1		mg/L	95			85-115		
Sodium	20		18.8		mg/L	94			85-115		
Zinc	2		1.94		mg/L	97			85-115		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194705MS1												**Source: 405768-001**
Boron	4.88	1		5.82		mg/L	94			75-125		
Calcium	415	20		448		mg/L	165			75-125		M
Chromium	0.034	1		1.03		mg/L	100			75-125		
Copper	0.044	1		1.07		mg/L	103			75-125		
Iron	ND	1		1.17		mg/L	117			75-125		
Magnesium	1230	20		1300		mg/L	350			75-125		M
Manganese	0.042	1		1.06		mg/L	102			75-125		
Potassium	391	29		434		mg/L	148			75-125		M
Sodium	8980	20		9870		mg/L	4450			75-125		M
Zinc	0.098	1		0.990		mg/L	89			75-125		

QCBatchID: QC1194706 **Analyst:** cota **Method:** EPA 300.0

Matrix: Water **Analyzed:** 08/22/2018 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1194706MB1					
Bromide	ND	mg/L	0.039	0.3	
Chloride	ND	mg/L	0.09	1	
Nitrate + Nitrite, as Nitrogen	ND	mg/L	0.017	0.44	
Nitrate, as Nitrogen	ND	mg/L	0.017	0.1	
Nitrite, as Nitrogen	ND	mg/L	0.013	0.1	
Sulfate	ND	mg/L	0.087	0.5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries		RPD	Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD		%Rec	RPD	
QC1194706LCS1											
Bromide	15		14.3		mg/L	95			90-110		
Chloride	100		100		mg/L	100			90-110		
Nitrate, as Nitrogen	9.03		9.01		mg/L	100			90-110		
Nitrite, as Nitrogen	9.15		9.20		mg/L	101			90-110		
Sulfate	50		48.7		mg/L	97			90-110		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries		RPD	Limits		Notes
		MS	MSD	MS	MSD		MS	MSD		%Rec	RPD	
QC1194706MS1, QC1194706MSD1												**Source: 405759-001**
Bromide	ND	15	15	14.3	15.9	mg/L	95	106	10.6	80-120	20	
Chloride	126	100	100	208	217	mg/L	82	91	4.2	80-120	20	
Nitrate, as Nitrogen	4.88	9.03	9.03	13.6	14.5	mg/L	97	107	6.4	80-120	20	
Nitrite, as Nitrogen	ND	9.15	9.15	8.25	9.19	mg/L	90	100	10.8	80-120	20	
Sulfate	128	50	50	169	173	mg/L	82	90	2.3	80-120	20	

QCBatchID:	**QC1194710**	**Analyst:**	wei	**Method:**	SM 2130-B
Matrix:	Water	**Analyzed:**	08/22/2018	**Instrument:**	CHEM (group)

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1194710DUP1						**Source: 405783-001**
Turbidity	45	46	NTU	2.2	20	

QCBatchID:	**QC1194712**	**Analyst:**	wei	**Method:**	SM 2150-B
Matrix:	Water	**Analyzed:**	08/22/2018	**Instrument:**	CHEM (group)

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1194712DUP1						**Source: 405783-001**
Odor Threshold	ND	ND	T.O.N	0.0	20	

QCBatchID:	**QC1194713**	**Analyst:**	wei	**Method:**	SM 2120-B
Matrix:	Water	**Analyzed:**	08/22/2018	**Instrument:**	CHEM (group)

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1194713DUP1						**Source: 405783-001**
Color	ND	ND	Color Unit	0.0	20	

QCBatchID: QC1194717 **Analyst:** wei **Method:** SM 4500-Cl

Matrix: Water **Analyzed:** 08/23/2018 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1194717MB1					
Chlorine, Total Residual	ND	mg/L	0.01	0.1	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194717LCS1											
Chlorine, Total Residual	1		0.96		mg/L	96			80-120		

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1194717DUP1						**Source: 405783-001**
Chlorine, Total Residual	ND	ND	mg/L	0.0	20	

QCBatchID:	**QC1194744**	**Analyst:**	wei	**Method:**	SM 4500-H+B
Matrix:	Water	**Analyzed:**	08/23/2018	**Instrument:**	CHEM (group)

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1194744DUP1						**Source: 405783-003**
pH	7.39	7.30	pH Units	1.2	20	

QCBatchID: QC1194751 **Analyst:** trinh **Method:** SM 4500-NH3-G

Matrix: Water **Analyzed:** 08/23/2018 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1194751MB1					
Total Kjeldahl Nitrogen	ND	mg/L	0.052	0.4	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194751LCS1											
Total Kjeldahl Nitrogen	2.5		2.3		mg/L	92			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194751MS1, QC1194751MSD1												**Source: 405740-001**
Total Kjeldahl Nitrogen	0.505	12.5	12.5	12	13	mg/L	92	100	8.0	80-120	20	

QCBatchID: QC1194770 **Analyst:** lucy **Method:** EPA 524.2

Matrix: Water **Analyzed:** 08/23/2018 **Instrument:** VOA-MS (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1194770MB1					
1,1,1-Trichloroethane	ND	ug/L	0.063	0.5	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.063	0.5	
1,1,2-Trichloroethane	ND	ug/L	0.045	0.5	
1,1-Dichloroethane	ND	ug/L	0.078	0.5	
1,1-Dichloroethene	ND	ug/L	0.13	0.5	
1,2-Dichlorobenzene	ND	ug/L	0.051	0.5	
1,2-Dichloroethane	ND	ug/L	0.066	0.5	
1,2-Dichloropropane	ND	ug/L	0.06	0.5	
1,3-Dichlorobenzene	ND	ug/L	0.052	0.5	
1,4-Dichlorobenzene	ND	ug/L	0.12	0.5	
2-Chloroethyl Vinyl Ether	ND	ug/L	0.23	5	
Acrolein	ND	ug/L	3.3	5	
Acrylonitrile	ND	ug/L	1.6	2	
Benzene	ND	ug/L	0.071	0.5	
Bromodichloromethane	ND	ug/L	0.06	0.5	
Bromoform	ND	ug/L	0.053	0.5	
Bromomethane	ND	ug/L	0.13	1	
Carbon Tetrachloride	ND	ug/L	0.045	0.5	
Chlorobenzene	ND	ug/L	0.075	0.5	
Chlorodibromomethane	ND	ug/L	0.045	0.5	
Chloroethane	ND	ug/L	0.4	0.5	
Chloroform	ND	ug/L	0.044	0.5	
Chloromethane	ND	ug/L	0.055	0.5	
cis-1,3-dichloropropene	ND	ug/L	0.061	0.5	
Ethylbenzene	ND	ug/L	0.091	0.5	
Methylene chloride	ND	ug/L	0.15	0.5	
Methyl-t-butyl Ether (MTBE)	ND	ug/L	0.068	0.5	
Tetrachloroethene	ND	ug/L	0.15	0.5	
Toluene	ND	ug/L	0.078	0.5	
trans-1,2-dichloroethene	ND	ug/L	0.17	0.5	
trans-1,3-dichloropropene	ND	ug/L	0.056	0.5	
Trichloroethene	ND	ug/L	0.078	0.5	
Trichlorofluoromethane	ND	ug/L	0.06	0.5	
Vinyl Chloride	ND	ug/L	0.08	0.5	
Xylenes (Total)	ND	ug/L	0.25	0.5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194770LCS1											
1,1-Dichloroethene	50		53		ug/L	106			59-172		
Benzene	50		52		ug/L	104			62-137		
Chlorobenzene	50		52		ug/L	104			60-133		
Toluene	50		52		ug/L	104			59-139		
Trichloroethene	50		52		ug/L	104			66-142		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194770MS1, QC1194770MSD1												**Source: 405783-001**
1,1-Dichloroethene	ND	50	50	48	54	ug/L	96	108	11.8	59-172	22	
Benzene	ND	50	50	49	54	ug/L	98	108	9.7	62-137	24	

QCBatchID: QC1194770 **Analyst:** lucy **Method:** EPA 524.2

Matrix: Water **Analyzed:** 08/23/2018 **Instrument:** VOA-MS (group)

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194770MS1, QC1194770MSD1												**Source: 405783-001**
Chlorobenzene	ND	50	50	48	53	ug/L	96	106	9.9	60-133	21	
Toluene	ND	50	50	48	53	ug/L	96	106	9.9	59-139	21	
Trichloroethene	ND	50	50	50	56	ug/L	100	112	11.3	66-142	21	

QCBatchID: QC1194786 **Analyst:** trinh **Method:** SM 4500-CN-E

Matrix: Water **Analyzed:** 08/24/2018 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1194786MB1					
Cyanide	ND	mg/L	0.002	0.01	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194786LCS1											
Cyanide	0.2		0.20		mg/L	100			85-115		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194786MS1, QC1194786MSD1												**Source: 405808-001**
Cyanide	ND	0.2	0.2	0.19	0.19	mg/L	95	95	0.0	80-120	20	

QCBatchID: QC1194831 **Analyst:** trinh **Method:** SM 5540-C

Matrix: Water **Analyzed:** 08/24/2018 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1194831MB1					
MBAS	ND	mg/L	0.018	0.04	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194831LCS1											
MBAS	1		0.99		mg/L	99			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194831MS1, QC1194831MSD1												**Source: 405839-001**
MBAS	ND	1	1	1.1	1.1	mg/L	110	110	0.0	75-125	20	

QCBatchID: QC1194832 **Analyst:** cota **Method:** EPA 200.8

Matrix: Water **Analyzed:** 08/27/2018 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1194832MB1					
Arsenic	ND	ug/L	0.31	2	
Selenium	ND	ug/L	0.39	2	
Zinc	ND	ug/L	2.7	10	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194832LCS1											
Arsenic	50		54.8		ug/L	110			85-115		
Selenium	50		49.5		ug/L	99			85-115		
Zinc	50		56.0		ug/L	112			85-115		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194832MS1												**Source: 405808-001**
Arsenic	1.12	50		53.5		ug/L	105			70-130		
Selenium	3.01	50		50.3		ug/L	95			70-130		
Zinc	9.84	50		60.9		ug/L	115			70-130		
QC1194832MS2												**Source: 405808-002**
Arsenic	0.743	50		56.5		ug/L	112			70-130		
Selenium	2.23	50		51.7		ug/L	99			70-130		
Zinc	7.95	50		58.9		ug/L	102			70-130		

QCBatchID: QC1194838 **Analyst:** tdang **Method:** SM 5310B

Matrix: Water **Analyzed:** 08/24/2018 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1194838MB1					
Total Organic Carbon (TOC)	ND	mg/L	0.203	1	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194838LCS1											
Total Organic Carbon (TOC)	10		9.91		mg/L	99			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194838MS1, QC1194838MSD1												**Source: 405783-002**
Total Organic Carbon (TOC)	14.1	20	20	26.7	28.0	mg/L	63	70	4.8	80-120	20	M

QCBatchID: QC1194877	**Analyst:** trinh	**Method:** SM 2540-D	
Matrix: Water	**Analyzed:** 08/27/2018	**Instrument:** CHEM (group)	

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1194877MB1					
Total Suspended Solids	ND	mg/L	0.5	0.5	

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1194877DUP1						**Source: 405734-003**
Total Suspended Solids	385	385	mg/L	0.0	5	

QCBatchID: QC1194883 **Analyst:** wei **Method:** SM 4500-F-C

Matrix: Water **Analyzed:** 08/27/2018 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1194883MB1					
Fluoride	ND	mg/L	0.005	0.1	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194883LCS1											
Fluoride	1		0.965		mg/L	97			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194883MS1, QC1194883MSD1												**Source: 405808-001**
Fluoride	1.15	1	1	2.08	2.13	mg/L	93	98	2.4	75-125	20	

QCBatchID: QC1194893 **Analyst:** tdang **Method:** SM 2540-C

Matrix: Water **Analyzed:** 08/27/2018 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1194893MB1					
Total Dissolved Solids	ND	mg/L	10	10	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194893LCS1											
Total Dissolved Solids	95		101		mg/L	106			90-110		

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1194893DUP1						**Source: 405783-001**
Total Dissolved Solids	588	592	mg/L	0.7	5	

QCBatchID: QC1194909 **Analyst:** wei **Method:** SM 2320-B

Matrix: Water **Analyzed:** 08/28/2018 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1194909MB1					
Bicarbonate (HCO3)	ND	mg/L	5	5	
Carbonate (CO3)	ND	mg/L	5	5	
Hydroxide (OH)	ND	mg/L	5	5	
Total Alkalinity (as CaCO3)	ND	mg/L	5	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries		RPD	Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD		%Rec	RPD	
QC1194909LCS1											
Total Alkalinity (as CaCO3)	25000		24000		mg/L	96			90-110		

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1194909DUP1						**Source: 405808-001**
Total Alkalinity (as CaCO3)	870	850	mg/L	2.3	20	

QCBatchID:	**QC1194912**	**Analyst:**	cota	**Method:**	EPA 314.0
Matrix:	Water	**Analyzed:**	08/28/2018	**Instrument:**	AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1194912MB1					
Perchlorate	ND	ug/L	1.1	2	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194912LCS1											
Perchlorate	50		48		ug/L	96			85-115		

QCBatchID: QC1194958 **Analyst:** trinh **Method:** SM 4500-NH3-G

Matrix: Water **Analyzed:** 08/29/2018 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1194958MB1					
Ammonia, as Nitrogen	ND	mg/L	0.01	0.1	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194958LCS1											
Ammonia, as Nitrogen	5		4.50		mg/L	90			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194958MS1, QC1194958MSD1												**Source: 405807-002**
Ammonia, as Nitrogen	0.222	5	5	5.60	5.58	mg/L	108	107	0.4	80-120	20	

QCBatchID: QC1195027 **Analyst:** tdang **Method:** SM 4500-P-B-5-E

Matrix: Water **Analyzed:** 08/30/2018 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1195027MB1					
Total Phosphorous as P	ND	mg/L	0.01	0.02	
Total Phosphorous as PO4	ND	mg/L	0.03	0.06	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1195027LCS1											
Total Phosphorous as P	0.4		0.402		mg/L	101			80-120		
Total Phosphorous as PO4	1.23		1.230		mg/L	100			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1195027MS1, QC1195027MSD1												**Source: 405783-003**
Total Phosphorous as P	0.372	0.4	0.4	0.700	0.700	mg/L	82	82	0.0	75-125	20	
Total Phosphorous as PO4	1.140	1.23	1.23	2.14	2.14	mg/L	81	81	0.0	75-125	20	

Data Qualifiers and Definitions

Qualifiers

A	See Report Comments.
B	Analyte was present in an associated method blank.
B1	Analyte was present in a sample and associated method blank greater than MDL but less than RDL.
BQ1	No valid test replicates. Sample Toxicity is possible. Best result was reported.
BQ2	No valid test replicates.
BQ3	No valid test replicates. Final DO is less than 1.0 mg/L. Result may be greater.
BQ4	Minor Dissolved Oxygen loss was observed in the blank water check, however, the LCS was within criteria, validating the batch.
BQ5	Minor Dissolved Oxygen loss was observed in the blank water check.
C	Possible laboratory contamination.
D	RPD was not within control limits. The sample data was reported without further clarification.
D1	Lesser amount of sample was used due to insufficient amount of sample supplied.
D2	Reporting limit is elevated due to sample matrix. Target analyte was not detected above the elevated reporting limit.
D3	Insufficient sample was supplied for TCLP. Client was notified. TCLP was performed per the Client's instructions.
DW	Sample result is calculated on a dry weigh basis.
E	Concentration is estimated because it exceeds the quantification limits of the method.
I	The sample was read outside of the method required incubation period.
IR	Inconclusive Result. Legionella is present, however, there is possible non-specific agglutination preventing specific identification.
J	Reported value is estimated
L	The laboratory control sample (LCS) or laboratory control sample duplicate (LCSD) was out of control limits. Associated sample data was reported with qualifier.
L2	LCS did not meet recovery criteria, however, the MS and/or MSD met LCS recovery criteria, validating the batch.
M	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits due to matrix interference. The associated LCS and/or LCSD was within control limits and the sample data was reported without further clarification.
M1	The matrix spike (MS) or matrix spike duplicate (MSD) is not within control limits due to matrix interference.
M2	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits. The associated LCS and/or LCSD was not within control limits. Sample result is estimated.
N1	Sample chromatography does not match the specified TPH standard pattern.
NC	The analyte concentration in the sample exceeded the spike level by a factor of four or greater, spike recovery and limits do not apply.
P	Sample was received without proper preservation according to EPA guidelines.
P1	Temperature of sample storage refrigerator was out of acceptance limits.
P2	The sample was preserved within 24 hours of collection in accordance with EPA 218.6.
P3	Per Client request, sample was composited for volatile analysis. Sample compositing for volatile analysis is not recommended due to potential loss of target analytes. Results may be biased low.
Q1	Analyte Calibration Verification exceeds criteria. The result is estimated.
Q2	Analyte calibration was not verified and the result was estimated.
Q3	Analyte initial calibration was not available or exceeds criteria. The result was estimated.
S	The surrogate recovery was out of control limits due to matrix interference. The associated method blank surrogate recovery was within control limits and the sample data was reported without further clarification.
S1	The associated surrogate recovery was out of control limits; result is estimated.
S2	The surrogate was diluted out due to the presence of high concentrations of target and/or non-target compounds. Surrogate recoveries in the associated batch QC met recovery criteria.
S3	Internal Standard did not meet recovery limits. Analyte concentration is estimated.
T	Sample was extracted/analyzed past the holding time.
T1	Reanalysis was reported past hold time due to failing replicates in the original analysis (BOD only).
T2	Sample was analyzed ASAP but received and analyzed past the 15 minute holding time.
T3	Sample received and analyzed out of hold time per client's request.
T4	Sample was analyzed out of hold time per client's request.
T5	Reanalysis was reported past hold time. The original analysis was within hold time, but not reportable.
T6	Hold time is indeterminable due to unspecified sampling time.
T7	Sample was analyzed past hold time due to insufficient time remaining at time of receipt.

Definitions

DF	Dilution Factor
MDL	Method Detection Limit. Result is reported ND when it is less than or equal to MDL.
ND	Analyte was not detected or was less than the detection limit.
NR	Not Reported. See Report Comments.
RDL	Reporting Detection Limit
TIC	Tentatively Identified Compounds

ENTHALPHY ANALYTICAL, INC.	Chain of Custody Record				Turn Around Time (Rush by advanced notice only)					
931 W. Barkley Ave., Orange, CA 92868	Lab No: 405783				Standard:	X	4 Day:		3 Day:	
Phone: (714) 771-6900 Fax: (714) 538-1209	Page: 1	of	3		2 Day:		1 Day:		Same Day:	
Billing: Enthalpy - SoCal	Matrix: A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other				Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other					
c/o Montrose Environmental Group										
1 Park Plaza, Suite 1000, Irvine, CA 92614										

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Rincon Consultants	Name:	Malibu - Annual
Report To:	Kiernan Brtalik	Number:	
Email:	KBRTalik@RinconConsultants.com	P.O. #:	
Address:	180 N. Ashwood Ave.	Address:	
	Ventura, CA 93003		
Phone:	805-644-4455	Global ID:	
Cell:		Sampled By:	PETER DORAN

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Total /Fecal Coliforms - SM 9223 Quantitray	EPA 200.7 (B), 200.8 (see list), 245.1 (Hg)	EPA 300.0: Cl,Fl,NO2,NO3,SO4; EPA 314.0	SM 4500-CN E; TKN; NH3; Phosphorus	SM 5310C TOC; BOD; TSS; TDS	pH; Residual Cl; MBAS; Turbidity; Color; Odor	SM 2330B Corrosivity; EPA 218.6 Cr VI	EPA 1664A Oil & Grease; EPA 1625M NDMA	EPA 1613 TCDD only; EPA 608 LL; EPA 625 LL	EPA 524.2 VOCs; EPA 624 VOCs	Test Instructions / Comments
LAMW-5S	8.22.18	1240	W	47/VARIOUS	VARIOUS	X	X	X	X	X	X	X	X	X	X	
~~SMBRP-9~~						X	X	X	X	X	X	X	X	X	X	PD
~~SMBRP-11~~						X	X	X	X	X	X	X	X	X	X	
SMBRP-12	8.22.18	1030	W	47/VARIOUS	VARIOUS	X	X	X	X	X	X	X	X	X	X	
~~MCWP-MW04S~~						X	X	X	X	X	X	X	X	X	X	
~~MCWP-MW04D~~						X	X	X	X	X	X	X	X	X	X	PD
~~MCWP-MW07S~~						X	X	X	X	X	X	X	X	X	X	
~~MCWP-MW07D~~						X	X	X	X	X	X	X	X	X	X	
MCWP-MW09	8.22.18	1130	W	47/VARIOUS	VARIOUS	X	X	X	X	X	X	X	X	X	X	

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		PETER DORAN	RINCON	8.22.18 / 1350
[1] Received By:			ENTHALPY	8/22/18 1350
[2] Relinquished By:			ENTHALPY	8/22/18 1604
[2] Received By:				8/22/18 1604
[3] Relinquished By:				
[3] Received By:				

ENTHALPY ANALYTICAL, INC.	Chain of Custody Record				Turn Around Time (Rush by advanced notice only)					
931 W. Barkley Ave., Orange, CA 92868	Lab No:				Standard:	X	4 Day:		3 Day:	
Phone: (714) 771-6900 Fax: (714) 538-1209	Page:	2	of	3	2 Day:		1 Day:		Same Day:	
Billing: Enthalpy - SoCal	Matrix: A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other				Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other					
c/o Montrose Environmental Group										
1 Park Plaza, Suite 1000, Irvine, CA 92614										

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Rincon Consultants	Name:	Malibu - Annual
Report To:	Kiernan Brtalik	Number:	
Email:		P.O. #:	
Address:	180 N. Ashwood Ave.	Address:	SEE PAGE ONE
	Ventura, CA 93003		
Phone:		Global ID:	
Cell:		Sampled By:	PETER DORAN

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	EPA 100.2 Asbestos;EPA 908.0 Uranium	EPA 900.0 Gross Alpha & Beta	EPA 903.0 Radium 226, Radium 228	EPA 905.0 Strontium-90; EPA 906.0 Tritium	EPA 504.1 EDB, DBCP; EPA 525.2 (see list)	EPA 515.3 Chlorinated Herbicides	EPA 300.1B Bromate, Chlorite	EPA 531.1 Carbofuran, Oxamyl	EPA 548.1 Endothall; EPA 549.2 Diquat	EPA 547 Glyphosate; EPA 552.2 HAAs	Test Instructions / Comments
LAMW-5S	8.22.18	1240	W	PAGE ONE		X	X	X	X	X	X	X	X	X	X	
~~SMBRP-9~~						X	X	X	X	X	X	X	X	X	X	PD
~~SMBRP-11~~						X	X	X	X	X	X	X	X	X	X	
SMBRP-12	8.22.18	1030	W	SEE PAGE ONE		X	X	X	X	X	X	X	X	X	X	
~~MCWP-MW04S~~						X	X	X	X	X	X	X	X	X	X	PD
~~MCWP-MW04D~~						X	X	X	X	X	X	X	X	X	X	
~~MCWP-MW07S~~						X	X	X	X	X	X	X	X	X	X	
~~MCWP-MW07D~~						X	X	X	X	X	X	X	X	X	X	
MCWP-MW09	8.22.18	1130	W	SEE PAGE ONE		X	X	X	X	X	X	X	X	X	X	

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		PETER DORAN	Rincon	8.22.18 1350
[1] Received By:			enthalpy	8/22/18 1350
[2] Relinquished By:			enthalpy	8/22/18 1600
[2] Received By:			GSO	8/22/18 1600
[3] Relinquished By:				

ENTHALPY ANALYTICAL, INC.	Chain of Custody Record	Turn Around Time (Rush by advanced notice only)
931 W. Barkley Ave., Orange, CA 92868	Lab No:	Standard: X / 4 Day: / 3 Day:
Phone: (714) 771-6900 Fax: (714) 538-1209	Page: 3 of 3	2 Day: / 1 Day: / Same Day:
Billing: Enthalpy - SoCal c/o Montrose Environmental Group 1 Park Plaza, Suite 1000, Irvine, CA 92614	**Matrix:** A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other	**Preservatives:** 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Rincon Consultants	Name:	Malibu - Annual
Report To:	Kiernan Brtalik	Number:	
Email:		P.O. #:	SEE PAGE ONE
Address:	180 N. Ashwood Ave.	Address:	
	Ventura, CA 93003		
Phone:		Global ID:	
Cell:		Sampled By:	PETER DORAN

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	EPA 1694M-ESI+/ESI-/APCI (see list)	EPA 608 Pest/PCBs	Test Instructions / Comments
LAMW-5S	9.22.18	1240	W	4T/VARIOUS	VARIOUS	X	X	
~~SMBRP-9~~						X	X	PD
~~SMBRP-11~~						X	X	
SMBRP-12	9.22.18	1030	W	4T/VARIOUS	VARIOUS	X	X	
~~MCWP-MW04S~~						X	X	PD
~~MCWP-MW04D~~						X	X	
~~MCWP-MW07S~~						X	X	
~~MCWP-MW07D~~						X	X	
MCWP-MW09	9.22.18	1130	W	4T/VARIOUS	VARIOUS	X	X	

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		PETER DORAN	Rincon	9.22.18 / 1350
[1] Received By:			ENTHALPY	8/22/18 1350
[2] Relinquished By:			ENTHALPY	8/22/18 1604
[2] Received By:			GT	8/22/18 1604
[3] Relinquished By:				

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Rincon - Ventura Project: Malibu - Annual

Date Received: 8/22/18 Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 1 ☐ No (skip section 2) Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 3.1 #2: _____ #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: _____

Section 3

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 3.2 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?	✓		
Are custody seals present?		✓	
If custody seals are present, were they intact?			✓
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)	✓		
Did all samples arrive intact? If no, indicate in Section 4 below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were the samples collected in the correct containers for the required tests?	✓		
Are the containers labeled with the correct preservatives?	✓		
Is there headspace in the VOA vials greater than 5-6 mm in diameter?		✓	
Was a sufficient amount of sample submitted for the requested tests?	✓		

Section 5 Explanations/Comments

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____

☐ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: 8/22/18

WECK LABORATORIES, INC.

Certificate of Analysis

PRELIMINARY REPORT

Work Orders: 8H23090

Project: 405783

Attn: Albert Vargas

Client: Enthalpy Analytical - Orange
931 West Barkley Avenue
Orange, CA 92868

Report Date: 9/17/2018
Received Date: 8/23/2018
Turnaround Time: Normal
Phones: (714) 771-6900
Fax: (714) 771-9933
P.O. #: 1024472
Billing Code:

Dear Albert Vargas,

Enclosed are the results of analyses for samples received 8/23/18 with the Chain-of-Custody document. The samples were received in good condition, at 1.0 °C and on ice. All analyses met the method criteria except as noted in the case narrative or in the report with data qualifiers.

Sample Results

Sample: LAMW-5S(405783-001)
8H23090-01 (Water)

Sampled: 08/22/18 12:40 by Client

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 1625M **Batch ID:** W8H1396 **Instr:** GCMS09 **Prepared:** 08/23/18 11:36 **Analyst:** mld						
N-Nitrosodimethylamine	ND	2.0	ng/l	1	08/28/18 13:12	
Method: EPA 300.1 **Batch ID:** W8H1526 **Instr:** LC08_Chan **Prepared:** 08/27/18 09:05 **Analyst:** dil						
Bromate	ND	25	ug/l	5	08/28/18 12:08	M-05
Chlorite	ND	50	ug/l	5	08/28/18 12:08	M-05
Surrogate(s)						
Dichloroacetate	*109%*	*90-115*	*Conc: 543*		*08/28/18 12:08*	
Method: EPA 504.1 **Batch ID:** W8H1645 **Instr:** GC03 **Prepared:** 08/28/18 15:44 **Analyst:** joh						
1,2-Dibromo-3-chloropropane	ND	0.010	ug/l	1	08/28/18 21:39	
1,2-Dibromoethane (EDB)	ND	0.020	ug/l	1	08/28/18 21:39	
Method: EPA 508 **Batch ID:** W8H1618 **Instr:** GC07 **Prepared:** 08/28/18 08:09 **Analyst:** rmr						
4,4´-DDD	ND	0.010	ug/l	1	09/04/18 23:30	
4,4´-DDE	ND	0.010	ug/l	1	09/04/18 23:30	
4,4´-DDT	**0.030**	0.010	ug/l	1	09/04/18 23:30	
Aldrin	ND	0.010	ug/l	1	09/04/18 23:30	
alpha-BHC	ND	0.010	ug/l	1	09/04/18 23:30	
Aroclor 1016	ND	0.50	ug/l	1	09/04/18 23:30	R-01
Aroclor 1221	ND	0.50	ug/l	1	09/04/18 23:30	R-01
Aroclor 1232	ND	0.50	ug/l	1	09/04/18 23:30	R-01
Aroclor 1242	ND	0.50	ug/l	1	09/04/18 23:30	R-01
Aroclor 1248	ND	0.50	ug/l	1	09/04/18 23:30	R-01
Aroclor 1254	ND	0.10	ug/l	1	09/04/18 23:30	

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Sample Results

(Continued)

Sample: LAMW-5S(405783-001) Sampled: 08/22/18 12:40 by Client

8H23090-01 (Water) (Continued)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 508 (Continued) **Batch ID:** W8H1618 **Instr:** GC07		**Prepared:** 08/28/18 08:09			**Analyst:** rmr	
Aroclor 1260	ND	0.10	ug/l	1	09/04/18 23:30	
beta-BHC	ND	0.010	ug/l	1	09/04/18 23:30	
Chlordane (tech)	ND	0.10	ug/l	1	09/04/18 23:30	
Chlorothalonil	ND	0.050	ug/l	1	09/04/18 23:30	
delta-BHC	ND	0.010	ug/l	1	09/04/18 23:30	
Dieldrin	ND	0.010	ug/l	1	09/04/18 23:30	
Endosulfan I	ND	0.010	ug/l	1	09/04/18 23:30	
Endosulfan II	ND	0.010	ug/l	1	09/04/18 23:30	
Endosulfan sulfate	ND	0.010	ug/l	1	09/04/18 23:30	
Endrin	ND	0.010	ug/l	1	09/04/18 23:30	
Endrin aldehyde	ND	0.010	ug/l	1	09/04/18 23:30	
gamma-BHC (Lindane)	ND	0.010	ug/l	1	09/04/18 23:30	
Heptachlor	ND	0.010	ug/l	1	09/04/18 23:30	
Heptachlor epoxide	ND	0.010	ug/l	1	09/04/18 23:30	
Hexachlorobenzene	ND	0.050	ug/l	1	09/04/18 23:30	
Hexachlorocyclopentadiene	ND	0.050	ug/l	1	09/04/18 23:30	
Methoxychlor	ND	0.010	ug/l	1	09/04/18 23:30	
PCBs, Total	ND	0.50	ug/l	1	09/04/18 23:30	
Propachlor	ND	0.050	ug/l	1	09/04/18 23:30	
Toxaphene	ND	0.50	ug/l	1	09/04/18 23:30	
Trifluralin	ND	0.010	ug/l	1	09/04/18 23:30	
Surrogate(s)						
Decachlorobiphenyl	*55%*	*70-130*	*Conc: 0.0550*		*09/04/18 23:30*	*S-GC*
Tetrachloro-meta-xylene	*94%*	*70-130*	*Conc: 0.0942*		*09/04/18 23:30*	
Method: EPA 515.3 **Batch ID:** W8H1439 **Instr:** GC08		**Prepared:** 08/24/18 07:57			**Analyst:** rmr	
2,4,5-T	ND	0.20	ug/l	1	09/05/18 05:51	
2,4,5-TP (Silvex)	ND	0.20	ug/l	1	09/05/18 05:51	
2,4-D	ND	0.40	ug/l	1	09/05/18 05:51	
2,4-DB	ND	2.0	ug/l	1	09/05/18 05:51	
3,5-Dichlorobenzoic acid	ND	1.0	ug/l	1	09/05/18 05:51	
Acifluorfen	ND	0.40	ug/l	1	09/05/18 05:51	
Bentazon	ND	2.0	ug/l	1	09/05/18 05:51	
Dalapon	ND	0.40	ug/l	1	09/05/18 05:51	
DCPA	ND	0.10	ug/l	1	09/05/18 05:51	
Dicamba	ND	0.60	ug/l	1	09/05/18 05:51	
Dichloroprop	ND	0.30	ug/l	1	09/05/18 05:51	
Dinoseb	ND	0.40	ug/l	1	09/05/18 05:51	
Pentachlorophenol	ND	0.20	ug/l	1	09/05/18 05:51	
Picloram	ND	0.60	ug/l	1	09/05/18 05:51	
Surrogate(s)						
2,4-DCAA	*76%*	*70-130*	*Conc: 7.64*		*09/05/18 05:51*	

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Sample Results

(Continued)

Sample: LAMW-5S(405783-001) Sampled: 08/22/18 12:40 by Client

8H23090-01 (Water) (Continued)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 525.2 **Batch ID:** W8H1513 **Instr:** GCMS16		**Prepared:** 08/27/18 08:31			**Analyst:** etn	
Alachlor	ND	0.10	ug/l	1	09/06/18 10:41	
Atrazine	ND	0.10	ug/l	1	09/06/18 10:41	
Benzo (a) pyrene	ND	0.10	ug/l	1	09/06/18 10:41	
Bis(2-ethylhexyl)adipate	ND	2.0	ug/l	1	09/06/18 10:41	
Bis(2-ethylhexyl)phthalate	ND	2.0	ug/l	1	09/06/18 10:41	
Bromacil	ND	0.50	ug/l	1	09/06/18 10:41	
Butachlor	ND	0.10	ug/l	1	09/06/18 10:41	
Captan	ND	1.0	ug/l	1	09/06/18 10:41	
Chlorpropham	ND	0.10	ug/l	1	09/06/18 10:41	
Cyanazine	ND	0.10	ug/l	1	09/06/18 10:41	
Diazinon	ND	0.10	ug/l	1	09/06/18 10:41	
Dimethoate	ND	0.20	ug/l	1	09/06/18 10:41	
Diphenamid	ND	0.10	ug/l	1	09/06/18 10:41	
Disulfoton	ND	0.10	ug/l	1	09/06/18 10:41	
EPTC	ND	0.10	ug/l	1	09/06/18 10:41	
Metolachlor	ND	0.10	ug/l	1	09/06/18 10:41	
Metribuzin	ND	0.10	ug/l	1	09/06/18 10:41	
Molinate	ND	0.10	ug/l	1	09/06/18 10:41	
Prometon	ND	0.10	ug/l	1	09/06/18 10:41	
Prometryn	ND	0.10	ug/l	1	09/06/18 10:41	
Simazine	ND	0.10	ug/l	1	09/06/18 10:41	
Terbacil	ND	2.0	ug/l	1	09/06/18 10:41	
Thiobencarb	ND	0.10	ug/l	1	09/06/18 10:41	
Trithion	ND	0.10	ug/l	1	09/06/18 10:41	
Surrogate(s)						
1,3-Dimethyl-2-nitrobenzene	*184%*	*70-130*	*Conc: 9.20*		*09/06/18 10:41*	*S-GC*
Perylene-d12	*17%*	*50-120*	*Conc: 0.837*		*09/06/18 10:41*	*S-GC*
Triphenyl phosphate	*116%*	*70-130*	*Conc: 5.78*		*09/06/18 10:41*	
Method: EPA 531.1 **Batch ID:** W8H1676 **Instr:** LC10		**Prepared:** 08/28/18 14:39			**Analyst:** blg	
3-Hydroxycarbofuran	ND	2.0	ug/l	1	08/29/18 10:42	
Aldicarb	ND	2.0	ug/l	1	08/29/18 10:42	
Aldicarb sulfone	ND	2.0	ug/l	1	08/29/18 10:42	
Aldicarb sulfoxide	ND	2.0	ug/l	1	08/29/18 10:42	
Carbaryl	ND	2.0	ug/l	1	08/29/18 10:42	
Carbofuran	ND	2.0	ug/l	1	08/29/18 10:42	
Methiocarb	ND	2.0	ug/l	1	08/29/18 10:42	
Methomyl	ND	2.0	ug/l	1	08/29/18 10:42	
Oxamyl	ND	2.0	ug/l	1	08/29/18 10:42	
Propoxur (Baygon)	ND	2.0	ug/l	1	08/29/18 10:42	
Method: EPA 547 **Batch ID:** W8I0072 **Instr:** LC10		**Prepared:** 09/04/18 15:27			**Analyst:** blg	
Glyphosate	ND	5.0	ug/l	1	09/05/18 14:33	

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Sample Results

(Continued)

Sample: LAMW-5S(405783-001) Sampled: 08/22/18 12:40 by Client

8H23090-01 (Water) (Continued)

Analyte		Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 548.1	**Batch ID:** W8H1517	**Instr:** GCMS06	**Prepared:** 08/27/18 15:37			**Analyst:** etn	
Endothall		ND	40	ug/l	1	08/30/18 13:26	
Method: EPA 549.2	**Batch ID:** W8H1717	**Instr:** LC11	**Prepared:** 08/29/18 08:44			**Analyst:** blg	
Diquat		ND	2.0	ug/l	1	09/06/18 18:47	
Method: EPA 552.2	**Batch ID:** W8H1508	**Instr:** GC05	**Prepared:** 08/27/18 07:53			**Analyst:** cam	
Dibromoacetic acid (dbaa)		ND	1.0	ug/l	1	08/28/18 09:56	
Dichloroacetic acid (dcaa)		ND	1.0	ug/l	1	08/28/18 09:56	
HAA5, Total		ND	1.0	ug/l	1	08/28/18 09:56	
Monobromoacetic acid (mbaa)		ND	1.0	ug/l	1	08/28/18 09:56	
Monochloroacetic acid (mcaa)		ND	2.0	ug/l	1	08/28/18 09:56	
Trichloroacetic acid (tcaa)		ND	1.0	ug/l	1	08/28/18 09:56	
Surrogate(s)							
2,3-Dibromopropionic acid		*109%*	*70-130*	*Conc: 10.9*		*08/28/18 09:56*	
Method: EPA 625	**Batch ID:** W8H1441	**Instr:** GCMS06	**Prepared:** 08/24/18 08:09			**Analyst:** etn	
1,2,4-Trichlorobenzene		ND	1.0	ug/l	1	09/12/18 09:32	
1,2-Dichlorobenzene		ND	1.0	ug/l	1	09/12/18 09:32	
1,2-Diphenylhydrazine/Azobenzene		ND	1.0	ug/l	1	09/12/18 09:32	
1,3-Dichlorobenzene		ND	1.0	ug/l	1	09/12/18 09:32	
1,4-Dichlorobenzene		ND	1.0	ug/l	1	09/12/18 09:32	
2,4,6-Trichlorophenol		ND	1.0	ug/l	1	09/12/18 09:32	
2,4-Dichlorophenol		ND	1.0	ug/l	1	09/12/18 09:32	
2,4-Dimethylphenol		ND	1.0	ug/l	1	09/12/18 09:32	
2,4-Dinitrophenol		ND	5.0	ug/l	1	09/12/18 09:32	
2,4-Dinitrotoluene		ND	1.0	ug/l	1	09/12/18 09:32	
2,6-Dinitrotoluene		ND	1.0	ug/l	1	09/12/18 09:32	
2-Chloronaphthalene		ND	1.0	ug/l	1	09/12/18 09:32	
2-Chlorophenol		ND	1.0	ug/l	1	09/12/18 09:32	
2-Methyl-4,6-dinitrophenol		ND	1.0	ug/l	1	09/12/18 09:32	
2-Nitrophenol		ND	1.0	ug/l	1	09/12/18 09:32	
3,3'-Dichlorobenzidine		ND	1.0	ug/l	1	09/12/18 09:32	
4-Bromophenyl phenyl ether		ND	1.0	ug/l	1	09/12/18 09:32	
4-Chloro-3-methylphenol		ND	1.0	ug/l	1	09/12/18 09:32	
4-Chlorophenyl phenyl ether		ND	1.0	ug/l	1	09/12/18 09:32	
4-Nitrophenol		ND	2.0	ug/l	1	09/12/18 09:32	
Acenaphthene		ND	1.0	ug/l	1	09/12/18 09:32	
Acenaphthylene		ND	1.0	ug/l	1	09/12/18 09:32	
Anthracene		ND	1.0	ug/l	1	09/12/18 09:32	
Benzidine		ND	10	ug/l	1	09/12/18 09:32	
Benzo (a) anthracene		ND	1.0	ug/l	1	09/12/18 09:32	
Benzo (a) pyrene		ND	1.0	ug/l	1	09/12/18 09:32	
Benzo (b) fluoranthene		ND	1.0	ug/l	1	09/12/18 09:32	
Benzo (g,h,i) perylene		ND	1.0	ug/l	1	09/12/18 09:32	

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Sample Results

(Continued)

Sample: LAMW-5S(405783-001) Sampled: 08/22/18 12:40 by Client

8H23090-01 (Water) (Continued)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 625 (Continued) **Batch ID:** W8H1441 **Instr:** GCMS06 **Prepared:** 08/24/18 08:09 **Analyst:** etn						
Benzo (k) fluoranthene	ND	1.0	ug/l	1	09/12/18 09:32	
Bis(2-chloroethoxy)methane	ND	1.0	ug/l	1	09/12/18 09:32	
Bis(2-chloroethyl)ether	ND	1.0	ug/l	1	09/12/18 09:32	
Bis(2-chloroisopropyl)ether	ND	1.0	ug/l	1	09/12/18 09:32	
Butyl benzyl phthalate	ND	1.0	ug/l	1	09/12/18 09:32	
Chrysene	ND	1.0	ug/l	1	09/12/18 09:32	
Dibenzo (a,h) anthracene	ND	1.0	ug/l	1	09/12/18 09:32	
Diethyl phthalate	ND	1.0	ug/l	1	09/12/18 09:32	
Dimethyl phthalate	ND	1.0	ug/l	1	09/12/18 09:32	
Di-n-butyl phthalate	ND	1.0	ug/l	1	09/12/18 09:32	
Di-n-octyl phthalate	ND	1.0	ug/l	1	09/12/18 09:32	
Fluoranthene	ND	1.0	ug/l	1	09/12/18 09:32	
Fluorene	ND	1.0	ug/l	1	09/12/18 09:32	
Hexachlorobenzene	ND	1.0	ug/l	1	09/12/18 09:32	
Hexachlorobutadiene	ND	1.0	ug/l	1	09/12/18 09:32	
Hexachlorocyclopentadiene	ND	5.0	ug/l	1	09/12/18 09:32	
Hexachloroethane	ND	1.0	ug/l	1	09/12/18 09:32	
Indeno (1,2,3-cd) pyrene	ND	1.0	ug/l	1	09/12/18 09:32	
Isophorone	ND	1.0	ug/l	1	09/12/18 09:32	
Naphthalene	ND	1.0	ug/l	1	09/12/18 09:32	
Nitrobenzene	ND	1.0	ug/l	1	09/12/18 09:32	
N-Nitrosodimethylamine	ND	1.0	ug/l	1	09/12/18 09:32	
N-Nitrosodi-n-propylamine	ND	1.0	ug/l	1	09/12/18 09:32	
N-Nitrosodiphenylamine	ND	1.0	ug/l	1	09/12/18 09:32	
Pentachlorophenol	ND	1.0	ug/l	1	09/12/18 09:32	
Phenanthrene	ND	1.0	ug/l	1	09/12/18 09:32	
Phenol	ND	1.0	ug/l	1	09/12/18 09:32	
Pyrene	ND	1.0	ug/l	1	09/12/18 09:32	
Surrogate(s)						
2,4,6-Tribromophenol	*63%*	*25-102*	*Conc: 33.2*		*09/12/18 09:32*	
2-Fluorobiphenyl	*56%*	*22-107*	*Conc: 14.6*		*09/12/18 09:32*	
2-Fluorophenol	*30%*	*3-74*	*Conc: 15.8*		*09/12/18 09:32*	
Nitrobenzene-d5	*54%*	*27-111*	*Conc: 14.1*		*09/12/18 09:32*	
Phenol-d5	*20%*	*0.1-53*	*Conc: 10.7*		*09/12/18 09:32*	
Terphenyl-d14	*96%*	*28-113*	*Conc: 25.3*		*09/12/18 09:32*	

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Sample Results

(Continued)

Sample: SMBRP-12(405783-002) Sampled: 08/22/18 10:30 by Client

8H23090-02 (Water)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 1625M **Batch ID:** W8H1396 **Instr:** GCMS09 **Prepared:** 08/23/18 11:36 **Analyst:** mld						
N-Nitrosodimethylamine	ND	2.0	ng/l	1	08/28/18 13:40	
Method: EPA 300.1 **Batch ID:** W8H1526 **Instr:** LC08_Chan **Prepared:** 08/27/18 09:05 **Analyst:** dil						
Bromate	ND	25	ug/l	5	08/28/18 12:32	M-05
Chlorite	ND	50	ug/l	5	08/28/18 12:32	M-05
Surrogate(s)						
Dichloroacetate	*109%*	*90-115*	*Conc: 544*		*08/28/18 12:32*	
Method: EPA 504.1 **Batch ID:** W8H1645 **Instr:** GC03 **Prepared:** 08/28/18 15:44 **Analyst:** joh						
1,2-Dibromo-3-chloropropane	ND	0.010	ug/l	1	08/28/18 22:00	
1,2-Dibromoethane (EDB)	ND	0.020	ug/l	1	08/28/18 22:00	
Method: EPA 508 **Batch ID:** W8H1618 **Instr:** GC07 **Prepared:** 08/28/18 08:09 **Analyst:** rmr						
4,4´-DDD	ND	0.010	ug/l	1	09/05/18 00:00	
4,4´-DDE	ND	0.010	ug/l	1	09/05/18 00:00	
4,4´-DDT	ND	0.010	ug/l	1	09/05/18 00:00	
Aldrin	ND	0.010	ug/l	1	09/05/18 00:00	
alpha-BHC	ND	0.010	ug/l	1	09/05/18 00:00	
Aroclor 1016	ND	0.50	ug/l	1	09/05/18 00:00	R-01
Aroclor 1221	ND	0.50	ug/l	1	09/05/18 00:00	R-01
Aroclor 1232	ND	0.50	ug/l	1	09/05/18 00:00	R-01
Aroclor 1242	ND	0.50	ug/l	1	09/05/18 00:00	R-01
Aroclor 1248	ND	0.50	ug/l	1	09/05/18 00:00	R-01
Aroclor 1254	ND	0.10	ug/l	1	09/05/18 00:00	
Aroclor 1260	ND	0.10	ug/l	1	09/05/18 00:00	
beta-BHC	ND	0.010	ug/l	1	09/05/18 00:00	
Chlordane (tech)	ND	0.10	ug/l	1	09/05/18 00:00	
Chlorothalonil	ND	0.050	ug/l	1	09/05/18 00:00	
delta-BHC	ND	0.010	ug/l	1	09/05/18 00:00	
Dieldrin	ND	0.010	ug/l	1	09/05/18 00:00	
Endosulfan I	ND	0.010	ug/l	1	09/05/18 00:00	
Endosulfan II	ND	0.010	ug/l	1	09/05/18 00:00	
Endosulfan sulfate	ND	0.010	ug/l	1	09/05/18 00:00	
Endrin	ND	0.010	ug/l	1	09/05/18 00:00	
Endrin aldehyde	ND	0.010	ug/l	1	09/05/18 00:00	
gamma-BHC (Lindane)	ND	0.010	ug/l	1	09/05/18 00:00	
Heptachlor	ND	0.010	ug/l	1	09/05/18 00:00	
Heptachlor epoxide	ND	0.010	ug/l	1	09/05/18 00:00	
Hexachlorobenzene	ND	0.050	ug/l	1	09/05/18 00:00	
Hexachlorocyclopentadiene	ND	0.050	ug/l	1	09/05/18 00:00	
Methoxychlor	ND	0.010	ug/l	1	09/05/18 00:00	
PCBs, Total	ND	0.50	ug/l	1	09/05/18 00:00	
Propachlor	ND	0.050	ug/l	1	09/05/18 00:00	
Toxaphene	ND	0.50	ug/l	1	09/05/18 00:00	

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Sample Results

(Continued)

Sample: SMBRP-12(405783-002) Sampled: 08/22/18 10:30 by Client

8H23090-02 (Water) (Continued)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 508 (Continued) **Batch ID:** W8H1618 **Instr:** GC07		**Prepared:** 08/28/18 08:09			**Analyst:** rmr	
Trifluralin	ND	0.010	ug/l	1	09/05/18 00:00	
Surrogate(s)						
Decachlorobiphenyl	*92%*	*70-130*	*Conc: 0.0917*		*09/05/18 00:00*	
Tetrachloro-meta-xylene	*94%*	*70-130*	*Conc: 0.0939*		*09/05/18 00:00*	
Method: EPA 515.3 **Batch ID:** W8H1439 **Instr:** GC08		**Prepared:** 08/24/18 07:57			**Analyst:** rmr	
2,4,5-T	ND	0.20	ug/l	1	09/05/18 08:52	
2,4,5-TP (Silvex)	ND	0.20	ug/l	1	09/05/18 08:52	
2,4-D	ND	0.40	ug/l	1	09/05/18 08:52	
2,4-DB	ND	2.0	ug/l	1	09/05/18 08:52	
3,5-Dichlorobenzoic acid	ND	1.0	ug/l	1	09/05/18 08:52	
Acifluorfen	ND	0.40	ug/l	1	09/05/18 08:52	
Bentazon	ND	2.0	ug/l	1	09/05/18 08:52	
Dalapon	ND	0.40	ug/l	1	09/05/18 08:52	
DCPA	ND	0.10	ug/l	1	09/05/18 08:52	
Dicamba	ND	0.60	ug/l	1	09/05/18 08:52	
Dichloroprop	ND	0.30	ug/l	1	09/05/18 08:52	
Dinoseb	ND	0.40	ug/l	1	09/05/18 08:52	
Pentachlorophenol	ND	0.20	ug/l	1	09/05/18 08:52	
Picloram	ND	0.60	ug/l	1	09/05/18 08:52	
Surrogate(s)						
2,4-DCAA	*72%*	*70-130*	*Conc: 7.22*		*09/05/18 08:52*	
Method: EPA 525.2 **Batch ID:** W8H1513 **Instr:** GCMS16		**Prepared:** 08/27/18 08:31			**Analyst:** etn	
Alachlor	ND	0.10	ug/l	1	09/05/18 23:56	
Atrazine	ND	0.10	ug/l	1	09/05/18 23:56	
Benzo (a) pyrene	ND	0.10	ug/l	1	09/05/18 23:56	
Bis(2-ethylhexyl)adipate	ND	2.0	ug/l	1	09/05/18 23:56	
Bis(2-ethylhexyl)phthalate	ND	2.0	ug/l	1	09/05/18 23:56	
Bromacil	ND	0.50	ug/l	1	09/05/18 23:56	
Butachlor	ND	0.10	ug/l	1	09/05/18 23:56	
Captan	ND	1.0	ug/l	1	09/05/18 23:56	
Chlorpropham	ND	0.10	ug/l	1	09/05/18 23:56	
Cyanazine	ND	0.10	ug/l	1	09/05/18 23:56	
Diazinon	ND	0.10	ug/l	1	09/05/18 23:56	
Dimethoate	ND	0.20	ug/l	1	09/05/18 23:56	
Diphenamid	ND	0.10	ug/l	1	09/05/18 23:56	
Disulfoton	ND	0.10	ug/l	1	09/05/18 23:56	
EPTC	ND	0.10	ug/l	1	09/05/18 23:56	
Metolachlor	ND	0.10	ug/l	1	09/05/18 23:56	
Metribuzin	ND	0.10	ug/l	1	09/05/18 23:56	
Molinate	ND	0.10	ug/l	1	09/05/18 23:56	
Prometon	ND	0.10	ug/l	1	09/05/18 23:56	

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Sample Results

(Continued)

Sample: SMBRP-12(405783-002) Sampled: 08/22/18 10:30 by Client

8H23090-02 (Water) (Continued)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 525.2 (Continued) **Batch ID:** W8H1513 **Instr:** GCMS16 **Prepared:** 08/27/18 08:31 **Analyst:** etn						
Prometryn	ND	0.10	ug/l	1	09/05/18 23:56	
Simazine	ND	0.10	ug/l	1	09/05/18 23:56	
Terbacil	ND	2.0	ug/l	1	09/05/18 23:56	
Thiobencarb	ND	0.10	ug/l	1	09/05/18 23:56	
Trithion	ND	0.10	ug/l	1	09/05/18 23:56	
Surrogate(s)						
1,3-Dimethyl-2-nitrobenzene	*105%*	*70-130*	*Conc: 5.25*		*09/05/18 23:56*	
Perylene-d12	*93%*	*50-120*	*Conc: 4.66*		*09/05/18 23:56*	
Triphenyl phosphate	*111%*	*70-130*	*Conc: 5.53*		*09/05/18 23:56*	
Method: EPA 531.1 **Batch ID:** W8H1676 **Instr:** LC10 **Prepared:** 08/28/18 14:39 **Analyst:** blg						
3-Hydroxycarbofuran	ND	2.0	ug/l	1	08/29/18 11:15	
Aldicarb	ND	2.0	ug/l	1	08/29/18 11:15	
Aldicarb sulfone	ND	2.0	ug/l	1	08/29/18 11:15	
Aldicarb sulfoxide	ND	2.0	ug/l	1	08/29/18 11:15	
Carbaryl	ND	2.0	ug/l	1	08/29/18 11:15	
Carbofuran	ND	2.0	ug/l	1	08/29/18 11:15	
Methiocarb	ND	2.0	ug/l	1	08/29/18 11:15	
Methomyl	ND	2.0	ug/l	1	08/29/18 11:15	
Oxamyl	ND	2.0	ug/l	1	08/29/18 11:15	
Propoxur (Baygon)	ND	2.0	ug/l	1	08/29/18 11:15	
Method: EPA 547 **Batch ID:** W8I0072 **Instr:** LC10 **Prepared:** 09/04/18 15:27 **Analyst:** blg						
Glyphosate	ND	5.0	ug/l	1	09/05/18 14:46	
Method: EPA 548.1 **Batch ID:** W8H1517 **Instr:** GCMS06 **Prepared:** 08/27/18 15:37 **Analyst:** etn						
Endothall	ND	40	ug/l	1	08/30/18 13:40	
Method: EPA 549.2 **Batch ID:** W8H1717 **Instr:** LC11 **Prepared:** 08/29/18 08:44 **Analyst:** blg						
Diquat	ND	2.0	ug/l	1	09/06/18 18:55	
Method: EPA 552.2 **Batch ID:** W8H1508 **Instr:** GC05 **Prepared:** 08/27/18 07:53 **Analyst:** cam						
Dibromoacetic acid (dbaa)	ND	1.0	ug/l	1	08/28/18 10:23	
Dichloroacetic acid (dcaa)	ND	1.0	ug/l	1	08/28/18 10:23	
HAA5, Total	ND	1.0	ug/l	1	08/28/18 10:23	
Monobromoacetic acid (mbaa)	ND	1.0	ug/l	1	08/28/18 10:23	
Monochloroacetic acid (mcaa)	ND	2.0	ug/l	1	08/28/18 10:23	
Trichloroacetic acid (tcaa)	ND	1.0	ug/l	1	08/28/18 10:23	
Surrogate(s)						
2,3-Dibromopropionic acid	*123%*	*70-130*	*Conc: 12.3*		*08/28/18 10:23*	
Method: EPA 625 **Batch ID:** W8H1441 **Instr:** GCMS06 **Prepared:** 08/24/18 08:09 **Analyst:** etn						
1,2,4-Trichlorobenzene	ND	1.0	ug/l	1	09/12/18 10:01	
1,2-Dichlorobenzene	ND	1.0	ug/l	1	09/12/18 10:01	
1,2-Diphenylhydrazine/Azobenzene	ND	1.0	ug/l	1	09/12/18 10:01	
1,3-Dichlorobenzene	ND	1.0	ug/l	1	09/12/18 10:01	
1,4-Dichlorobenzene	ND	1.0	ug/l	1	09/12/18 10:01	

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Sample Results

(Continued)

Sample: SMBRP-12(405783-002) Sampled: 08/22/18 10:30 by Client

8H23090-02 (Water) (Continued)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 625 (Continued) **Batch ID:** W8H1441 **Instr:** GCMS06 **Prepared:** 08/24/18 08:09 **Analyst:** etn						
2,4,6-Trichlorophenol	ND	1.0	ug/l	1	09/12/18 10:01	
2,4-Dichlorophenol	ND	1.0	ug/l	1	09/12/18 10:01	
2,4-Dimethylphenol	ND	1.0	ug/l	1	09/12/18 10:01	
2,4-Dinitrophenol	ND	5.0	ug/l	1	09/12/18 10:01	
2,4-Dinitrotoluene	ND	1.0	ug/l	1	09/12/18 10:01	
2,6-Dinitrotoluene	ND	1.0	ug/l	1	09/12/18 10:01	
2-Chloronaphthalene	ND	1.0	ug/l	1	09/12/18 10:01	
2-Chlorophenol	ND	1.0	ug/l	1	09/12/18 10:01	
2-Methyl-4,6-dinitrophenol	ND	1.0	ug/l	1	09/12/18 10:01	
2-Nitrophenol	ND	1.0	ug/l	1	09/12/18 10:01	
3,3'-Dichlorobenzidine	ND	1.0	ug/l	1	09/12/18 10:01	
4-Bromophenyl phenyl ether	ND	1.0	ug/l	1	09/12/18 10:01	
4-Chloro-3-methylphenol	ND	1.0	ug/l	1	09/12/18 10:01	
4-Chlorophenyl phenyl ether	ND	1.0	ug/l	1	09/12/18 10:01	
4-Nitrophenol	ND	2.0	ug/l	1	09/12/18 10:01	
Acenaphthene	ND	1.0	ug/l	1	09/12/18 10:01	
Acenaphthylene	ND	1.0	ug/l	1	09/12/18 10:01	
Anthracene	ND	1.0	ug/l	1	09/12/18 10:01	
Benzidine	ND	10	ug/l	1	09/12/18 10:01	
Benzo (a) anthracene	ND	1.0	ug/l	1	09/12/18 10:01	
Benzo (a) pyrene	ND	1.0	ug/l	1	09/12/18 10:01	
Benzo (b) fluoranthene	ND	1.0	ug/l	1	09/12/18 10:01	
Benzo (g,h,i) perylene	ND	1.0	ug/l	1	09/12/18 10:01	
Benzo (k) fluoranthene	ND	1.0	ug/l	1	09/12/18 10:01	
Bis(2-chloroethoxy)methane	ND	1.0	ug/l	1	09/12/18 10:01	
Bis(2-chloroethyl)ether	ND	1.0	ug/l	1	09/12/18 10:01	
Bis(2-chloroisopropyl)ether	ND	1.0	ug/l	1	09/12/18 10:01	
Bis(2-ethylhexyl)phthalate	ND	2.0	ug/l	1	09/12/18 10:01	
Butyl benzyl phthalate	ND	1.0	ug/l	1	09/12/18 10:01	
Chrysene	ND	1.0	ug/l	1	09/12/18 10:01	
Dibenzo (a,h) anthracene	ND	1.0	ug/l	1	09/12/18 10:01	
Diethyl phthalate	ND	1.0	ug/l	1	09/12/18 10:01	
Dimethyl phthalate	ND	1.0	ug/l	1	09/12/18 10:01	
Di-n-butyl phthalate	ND	1.0	ug/l	1	09/12/18 10:01	
Di-n-octyl phthalate	ND	1.0	ug/l	1	09/12/18 10:01	
Fluoranthene	ND	1.0	ug/l	1	09/12/18 10:01	
Fluorene	ND	1.0	ug/l	1	09/12/18 10:01	
Hexachlorobenzene	ND	1.0	ug/l	1	09/12/18 10:01	
Hexachlorobutadiene	ND	1.0	ug/l	1	09/12/18 10:01	
Hexachlorocyclopentadiene	ND	5.0	ug/l	1	09/12/18 10:01	

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Sample Results

(Continued)

Sample: SMBRP-12(405783-002) Sampled: 08/22/18 10:30 by Client

8H23090-02 (Water) (Continued)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 625 (Continued) **Batch ID:** W8H1441 **Instr:** GCMS06 **Prepared:** 08/24/18 08:09 **Analyst:** etn						
Hexachloroethane	ND	1.0	ug/l	1	09/12/18 10:01	
Indeno (1,2,3-cd) pyrene	ND	1.0	ug/l	1	09/12/18 10:01	
Isophorone	ND	1.0	ug/l	1	09/12/18 10:01	
Naphthalene	ND	1.0	ug/l	1	09/12/18 10:01	
Nitrobenzene	ND	1.0	ug/l	1	09/12/18 10:01	
N-Nitrosodimethylamine	ND	1.0	ug/l	1	09/12/18 10:01	
N-Nitrosodi-n-propylamine	ND	1.0	ug/l	1	09/12/18 10:01	
N-Nitrosodiphenylamine	ND	1.0	ug/l	1	09/12/18 10:01	
Pentachlorophenol	ND	1.0	ug/l	1	09/12/18 10:01	
Phenanthrene	ND	1.0	ug/l	1	09/12/18 10:01	
Phenol	ND	1.0	ug/l	1	09/12/18 10:01	
Pyrene	ND	1.0	ug/l	1	09/12/18 10:01	
Surrogate(s)						
2,4,6-Tribromophenol	*70%*	*25-102*	*Conc: 34.9*		*09/12/18 10:01*	
2-Fluorobiphenyl	*63%*	*22-107*	*Conc: 15.7*		*09/12/18 10:01*	
2-Fluorophenol	*40%*	*3-74*	*Conc: 20.1*		*09/12/18 10:01*	
Nitrobenzene-d5	*62%*	*27-111*	*Conc: 15.6*		*09/12/18 10:01*	
Phenol-d5	*26%*	*0.1-53*	*Conc: 12.9*		*09/12/18 10:01*	
Terphenyl-d14	*89%*	*28-113*	*Conc: 22.3*		*09/12/18 10:01*	

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Sample Results

(Continued)

Sample: MCWP-MW09(405783-003) Sampled: 08/22/18 11:30 by Client

8H23090-03 (Water)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 1625M **Batch ID:** W8H1396 **Instr:** GCMS09 **Prepared:** 08/23/18 11:36 **Analyst:** mld						
N-Nitrosodimethylamine	ND	2.0	ng/l	1	08/28/18 14:08	
Method: EPA 300.1 **Batch ID:** W8H1526 **Instr:** LC08_Chan **Prepared:** 08/27/18 09:05 **Analyst:** dil						
Bromate	ND	25	ug/l	5	08/28/18 12:58	M-05
Chlorite	ND	50	ug/l	5	08/28/18 12:58	M-05
Surrogate(s)						
Dichloroacetate	*106%*	*90-115*	*Conc: 529*		*08/28/18 12:58*	
Method: EPA 504.1 **Batch ID:** W8H1645 **Instr:** GC03 **Prepared:** 08/28/18 15:44 **Analyst:** joh						
1,2-Dibromo-3-chloropropane	ND	0.010	ug/l	1	08/28/18 22:22	
1,2-Dibromoethane (EDB)	ND	0.020	ug/l	1	08/28/18 22:22	
Method: EPA 508 **Batch ID:** W8H1618 **Instr:** GC07 **Prepared:** 08/28/18 08:09 **Analyst:** rmr						
4,4´-DDD	ND	0.010	ug/l	1	09/05/18 00:31	
4,4´-DDE	ND	0.010	ug/l	1	09/05/18 00:31	
4,4´-DDT	ND	0.010	ug/l	1	09/05/18 00:31	
Aldrin	ND	0.010	ug/l	1	09/05/18 00:31	
alpha-BHC	ND	0.010	ug/l	1	09/05/18 00:31	
Aroclor 1016	ND	0.10	ug/l	1	09/05/18 00:31	
Aroclor 1221	ND	0.10	ug/l	1	09/05/18 00:31	
Aroclor 1232	ND	0.10	ug/l	1	09/05/18 00:31	
Aroclor 1242	ND	0.10	ug/l	1	09/05/18 00:31	
Aroclor 1248	ND	0.10	ug/l	1	09/05/18 00:31	
Aroclor 1254	ND	0.10	ug/l	1	09/05/18 00:31	
Aroclor 1260	ND	0.10	ug/l	1	09/05/18 00:31	
beta-BHC	ND	0.010	ug/l	1	09/05/18 00:31	
Chlordane (tech)	ND	0.10	ug/l	1	09/05/18 00:31	
Chlorothalonil	ND	0.050	ug/l	1	09/05/18 00:31	
delta-BHC	ND	0.010	ug/l	1	09/05/18 00:31	
Dieldrin	ND	0.010	ug/l	1	09/05/18 00:31	
Endosulfan I	ND	0.010	ug/l	1	09/05/18 00:31	
Endosulfan II	ND	0.010	ug/l	1	09/05/18 00:31	
Endosulfan sulfate	ND	0.010	ug/l	1	09/05/18 00:31	
Endrin	ND	0.010	ug/l	1	09/05/18 00:31	
Endrin aldehyde	ND	0.010	ug/l	1	09/05/18 00:31	
gamma-BHC (Lindane)	ND	0.010	ug/l	1	09/05/18 00:31	
Heptachlor	ND	0.010	ug/l	1	09/05/18 00:31	
Heptachlor epoxide	ND	0.010	ug/l	1	09/05/18 00:31	
Hexachlorobenzene	ND	0.050	ug/l	1	09/05/18 00:31	
Hexachlorocyclopentadiene	ND	0.050	ug/l	1	09/05/18 00:31	
Methoxychlor	ND	0.010	ug/l	1	09/05/18 00:31	
PCBs, Total	ND	0.50	ug/l	1	09/05/18 00:31	
Propachlor	ND	0.050	ug/l	1	09/05/18 00:31	
Toxaphene	ND	0.50	ug/l	1	09/05/18 00:31	

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Sample Results

(Continued)

Sample: MCWP-MW09(405783-003) Sampled: 08/22/18 11:30 by Client

8H23090-03 (Water) (Continued)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 508 (Continued) **Batch ID:** W8H1618 **Instr:** GC07		**Prepared:** 08/28/18 08:09			**Analyst:** rmr	
Trifluralin	ND	0.010	ug/l	1	09/05/18 00:31	
Surrogate(s)						
Decachlorobiphenyl	*91%*	*70-130*	*Conc: 0.0909*		*09/05/18 00:31*	
Tetrachloro-meta-xylene	*100%*	*70-130*	*Conc: 0.0998*		*09/05/18 00:31*	
Method: EPA 515.3 **Batch ID:** W8H1439 **Instr:** GC08		**Prepared:** 08/24/18 07:57			**Analyst:** rmr	
2,4,5-T	ND	0.20	ug/l	1	09/05/18 09:28	
2,4,5-TP (Silvex)	ND	0.20	ug/l	1	09/05/18 09:28	
2,4-D	ND	0.40	ug/l	1	09/05/18 09:28	
2,4-DB	ND	2.0	ug/l	1	09/05/18 09:28	
3,5-Dichlorobenzoic acid	ND	1.0	ug/l	1	09/05/18 09:28	
Acifluorfen	ND	0.40	ug/l	1	09/05/18 09:28	
Bentazon	ND	2.0	ug/l	1	09/05/18 09:28	
Dalapon	ND	0.40	ug/l	1	09/05/18 09:28	
DCPA	ND	0.10	ug/l	1	09/05/18 09:28	
Dicamba	ND	0.60	ug/l	1	09/05/18 09:28	
Dichloroprop	ND	0.30	ug/l	1	09/05/18 09:28	
Dinoseb	ND	0.40	ug/l	1	09/05/18 09:28	
Pentachlorophenol	ND	0.20	ug/l	1	09/05/18 09:28	
Picloram	ND	0.60	ug/l	1	09/05/18 09:28	
Surrogate(s)						
2,4-DCAA	*78%*	*70-130*	*Conc: 7.83*		*09/05/18 09:28*	
Method: EPA 525.2 **Batch ID:** W8H1513 **Instr:** GCMS16		**Prepared:** 08/27/18 08:31			**Analyst:** etn	
Alachlor	ND	0.10	ug/l	1	09/06/18 00:23	
Atrazine	ND	0.10	ug/l	1	09/06/18 00:23	
Benzo (a) pyrene	ND	0.10	ug/l	1	09/06/18 00:23	
Bis(2-ethylhexyl)adipate	ND	2.0	ug/l	1	09/06/18 00:23	
Bis(2-ethylhexyl)phthalate	ND	2.0	ug/l	1	09/06/18 00:23	
Bromacil	ND	0.50	ug/l	1	09/06/18 00:23	
Butachlor	ND	0.10	ug/l	1	09/06/18 00:23	
Captan	ND	1.0	ug/l	1	09/06/18 00:23	
Chlorpropham	ND	0.10	ug/l	1	09/06/18 00:23	
Cyanazine	ND	0.10	ug/l	1	09/06/18 00:23	
Diazinon	ND	0.10	ug/l	1	09/06/18 00:23	
Dimethoate	ND	0.20	ug/l	1	09/06/18 00:23	
Diphenamid	ND	0.10	ug/l	1	09/06/18 00:23	
Disulfoton	ND	0.10	ug/l	1	09/06/18 00:23	
EPTC	ND	0.10	ug/l	1	09/06/18 00:23	
Metolachlor	ND	0.10	ug/l	1	09/06/18 00:23	
Metribuzin	ND	0.10	ug/l	1	09/06/18 00:23	
Molinate	ND	0.10	ug/l	1	09/06/18 00:23	
Prometon	ND	0.10	ug/l	1	09/06/18 00:23	

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Sample Results

(Continued)

Sample: MCWP-MW09(405783-003) Sampled: 08/22/18 11:30 by Client

8H23090-03 (Water) (Continued)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 525.2 (Continued) **Batch ID:** W8H1513 **Instr:** GCMS16 **Prepared:** 08/27/18 08:31 **Analyst:** etn						
Prometryn	ND	0.10	ug/l	1	09/06/18 00:23	
Simazine	ND	0.10	ug/l	1	09/06/18 00:23	
Terbacil	ND	2.0	ug/l	1	09/06/18 00:23	
Thiobencarb	ND	0.10	ug/l	1	09/06/18 00:23	
Trithion	ND	0.10	ug/l	1	09/06/18 00:23	
Surrogate(s)						
1,3-Dimethyl-2-nitrobenzene	*110%*	*70-130*	*Conc: 5.52*		*09/06/18 00:23*	
Perylene-d12	*33%*	*50-120*	*Conc: 1.67*		*09/06/18 00:23*	*S-GC*
Triphenyl phosphate	*107%*	*70-130*	*Conc: 5.33*		*09/06/18 00:23*	
Method: EPA 531.1 **Batch ID:** W8H1676 **Instr:** LC10 **Prepared:** 08/28/18 14:39 **Analyst:** blg						
3-Hydroxycarbofuran	ND	2.0	ug/l	1	08/29/18 11:40	
Aldicarb	ND	2.0	ug/l	1	08/29/18 11:40	
Aldicarb sulfone	ND	2.0	ug/l	1	08/29/18 11:40	
Aldicarb sulfoxide	ND	2.0	ug/l	1	08/29/18 11:40	
Carbaryl	ND	2.0	ug/l	1	08/29/18 11:40	
Carbofuran	ND	2.0	ug/l	1	08/29/18 11:40	
Methiocarb	ND	2.0	ug/l	1	08/29/18 11:40	
Methomyl	ND	2.0	ug/l	1	08/29/18 11:40	
Oxamyl	ND	2.0	ug/l	1	08/29/18 11:40	
Propoxur (Baygon)	ND	2.0	ug/l	1	08/29/18 11:40	
Method: EPA 547 **Batch ID:** W8I0072 **Instr:** LC10 **Prepared:** 09/04/18 15:27 **Analyst:** blg						
Glyphosate	ND	5.0	ug/l	1	09/05/18 14:59	
Method: EPA 548.1 **Batch ID:** W8H1517 **Instr:** GCMS06 **Prepared:** 08/27/18 15:37 **Analyst:** etn						
Endothall	ND	40	ug/l	1	08/30/18 13:53	
Method: EPA 549.2 **Batch ID:** W8H1717 **Instr:** LC11 **Prepared:** 08/29/18 08:44 **Analyst:** blg						
Diquat	ND	2.0	ug/l	1	09/06/18 19:04	
Method: EPA 552.2 **Batch ID:** W8H1508 **Instr:** GC05 **Prepared:** 08/27/18 07:53 **Analyst:** cam						
Dibromoacetic acid (dbaa)	ND	1.0	ug/l	1	08/28/18 10:51	
Dichloroacetic acid (dcaa)	ND	1.0	ug/l	1	08/28/18 10:51	
HAA5, Total	ND	1.0	ug/l	1	08/28/18 10:51	
Monobromoacetic acid (mbaa)	ND	1.0	ug/l	1	08/28/18 10:51	
Monochloroacetic acid (mcaa)	ND	2.0	ug/l	1	08/28/18 10:51	
Trichloroacetic acid (tcaa)	ND	1.0	ug/l	1	08/28/18 10:51	
Surrogate(s)						
2,3-Dibromopropionic acid	*117%*	*70-130*	*Conc: 11.7*		*08/28/18 10:51*	
Method: EPA 625 **Batch ID:** W8H1441 **Instr:** GCMS06 **Prepared:** 08/24/18 08:09 **Analyst:** etn						
1,2,4-Trichlorobenzene	ND	1.0	ug/l	1	09/12/18 10:30	
1,2-Dichlorobenzene	ND	1.0	ug/l	1	09/12/18 10:30	
1,2-Diphenylhydrazine/Azobenzene	ND	1.0	ug/l	1	09/12/18 10:30	
1,3-Dichlorobenzene	ND	1.0	ug/l	1	09/12/18 10:30	
1,4-Dichlorobenzene	ND	1.0	ug/l	1	09/12/18 10:30	

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Sample Results

(Continued)

Sample: MCWP-MW09(405783-003) Sampled: 08/22/18 11:30 by Client

8H23090-03 (Water) (Continued)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 625 (Continued) **Batch ID:** W8H1441 **Instr:** GCMS06 **Prepared:** 08/24/18 08:09 **Analyst:** etn						
2,4,6-Trichlorophenol	ND	1.0	ug/l	1	09/12/18 10:30	
2,4-Dichlorophenol	ND	1.0	ug/l	1	09/12/18 10:30	
2,4-Dimethylphenol	ND	1.0	ug/l	1	09/12/18 10:30	
2,4-Dinitrophenol	ND	5.0	ug/l	1	09/12/18 10:30	
2,4-Dinitrotoluene	ND	1.0	ug/l	1	09/12/18 10:30	
2,6-Dinitrotoluene	ND	1.0	ug/l	1	09/12/18 10:30	
2-Chloronaphthalene	ND	1.0	ug/l	1	09/12/18 10:30	
2-Chlorophenol	ND	1.0	ug/l	1	09/12/18 10:30	
2-Methyl-4,6-dinitrophenol	ND	1.0	ug/l	1	09/12/18 10:30	
2-Nitrophenol	ND	1.0	ug/l	1	09/12/18 10:30	
3,3'-Dichlorobenzidine	ND	1.0	ug/l	1	09/12/18 10:30	
4-Bromophenyl phenyl ether	ND	1.0	ug/l	1	09/12/18 10:30	
4-Chloro-3-methylphenol	ND	1.0	ug/l	1	09/12/18 10:30	
4-Chlorophenyl phenyl ether	ND	1.0	ug/l	1	09/12/18 10:30	
4-Nitrophenol	ND	2.0	ug/l	1	09/12/18 10:30	
Acenaphthene	ND	1.0	ug/l	1	09/12/18 10:30	
Acenaphthylene	ND	1.0	ug/l	1	09/12/18 10:30	
Anthracene	ND	1.0	ug/l	1	09/12/18 10:30	
Benzidine	ND	10	ug/l	1	09/12/18 10:30	
Benzo (a) anthracene	ND	1.0	ug/l	1	09/12/18 10:30	
Benzo (a) pyrene	ND	1.0	ug/l	1	09/12/18 10:30	
Benzo (b) fluoranthene	ND	1.0	ug/l	1	09/12/18 10:30	
Benzo (g,h,i) perylene	ND	1.0	ug/l	1	09/12/18 10:30	
Benzo (k) fluoranthene	ND	1.0	ug/l	1	09/12/18 10:30	
Bis(2-chloroethoxy)methane	ND	1.0	ug/l	1	09/12/18 10:30	
Bis(2-chloroethyl)ether	ND	1.0	ug/l	1	09/12/18 10:30	
Bis(2-chloroisopropyl)ether	ND	1.0	ug/l	1	09/12/18 10:30	
Bis(2-ethylhexyl)phthalate	ND	2.0	ug/l	1	09/12/18 10:30	
Butyl benzyl phthalate	ND	1.0	ug/l	1	09/12/18 10:30	
Chrysene	ND	1.0	ug/l	1	09/12/18 10:30	
Dibenzo (a,h) anthracene	ND	1.0	ug/l	1	09/12/18 10:30	
Diethyl phthalate	ND	1.0	ug/l	1	09/12/18 10:30	
Dimethyl phthalate	ND	1.0	ug/l	1	09/12/18 10:30	
Di-n-butyl phthalate	ND	1.0	ug/l	1	09/12/18 10:30	
Di-n-octyl phthalate	ND	1.0	ug/l	1	09/12/18 10:30	
Fluoranthene	ND	1.0	ug/l	1	09/12/18 10:30	
Fluorene	ND	1.0	ug/l	1	09/12/18 10:30	
Hexachlorobenzene	ND	1.0	ug/l	1	09/12/18 10:30	
Hexachlorobutadiene	ND	1.0	ug/l	1	09/12/18 10:30	
Hexachlorocyclopentadiene	ND	5.0	ug/l	1	09/12/18 10:30	

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(Continued)

Sample: MCWP-MW09(405783-003) Sampled: 08/22/18 11:30 by Client

8H23090-03 (Water) (Continued)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 625 (Continued) **Batch ID:** W8H1441 **Instr:** GCMS06 **Prepared:** 08/24/18 08:09 **Analyst:** etn						
Hexachloroethane	ND	1.0	ug/l	1	09/12/18 10:30	
Indeno (1,2,3-cd) pyrene	ND	1.0	ug/l	1	09/12/18 10:30	
Isophorone	ND	1.0	ug/l	1	09/12/18 10:30	
Naphthalene	ND	1.0	ug/l	1	09/12/18 10:30	
Nitrobenzene	ND	1.0	ug/l	1	09/12/18 10:30	
N-Nitrosodimethylamine	ND	1.0	ug/l	1	09/12/18 10:30	
N-Nitrosodi-n-propylamine	ND	1.0	ug/l	1	09/12/18 10:30	
N-Nitrosodiphenylamine	ND	1.0	ug/l	1	09/12/18 10:30	
Pentachlorophenol	ND	1.0	ug/l	1	09/12/18 10:30	
Phenanthrene	ND	1.0	ug/l	1	09/12/18 10:30	
Phenol	ND	1.0	ug/l	1	09/12/18 10:30	
Pyrene	ND	1.0	ug/l	1	09/12/18 10:30	
Surrogate(s)						
2,4,6-Tribromophenol	*62%*	*25-102*	*Conc: 31.0*		*09/12/18 10:30*	
2-Fluorobiphenyl	*61%*	*22-107*	*Conc: 15.2*		*09/12/18 10:30*	
2-Fluorophenol	*40%*	*3-74*	*Conc: 20.1*		*09/12/18 10:30*	
Nitrobenzene-d5	*62%*	*27-111*	*Conc: 15.6*		*09/12/18 10:30*	
Phenol-d5	*25%*	*0.1-53*	*Conc: 12.5*		*09/12/18 10:30*	
Terphenyl-d14	*89%*	*28-113*	*Conc: 22.4*		*09/12/18 10:30*	

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Quality Control Results

Acid and Base/Neutral Extractables by GC/MS

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1441 - EPA 625/L-L SF										
Blank (W8H1441-BLK1)				**Prepared: 08/24/18**	**Analyzed: 09/12/18**					
1,2,4-Trichlorobenzene	ND	1.0	ug/l							
1,2-Dichlorobenzene	ND	1.0	ug/l							
1,2-Diphenylhydrazine/Azobenzene	ND	1.0	ug/l							
1,3-Dichlorobenzene	ND	1.0	ug/l							
1,4-Dichlorobenzene	ND	1.0	ug/l							
2,4,6-Trichlorophenol	ND	1.0	ug/l							
2,4-Dichlorophenol	ND	1.0	ug/l							
2,4-Dimethylphenol	ND	1.0	ug/l							
2,4-Dinitrophenol	ND	5.0	ug/l							
2,4-Dinitrotoluene	ND	1.0	ug/l							
2,6-Dinitrotoluene	ND	1.0	ug/l							
2-Chloronaphthalene	ND	1.0	ug/l							
2-Chlorophenol	ND	1.0	ug/l							
2-Methyl-4,6-dinitrophenol	ND	1.0	ug/l							
2-Nitrophenol	ND	1.0	ug/l							
3,3'-Dichlorobenzidine	ND	1.0	ug/l							
4-Bromophenyl phenyl ether	ND	1.0	ug/l							
4-Chloro-3-methylphenol	ND	1.0	ug/l							
4-Chlorophenyl phenyl ether	ND	1.0	ug/l							
4-Nitrophenol	ND	2.0	ug/l							
Acenaphthene	ND	1.0	ug/l							
Acenaphthylene	ND	1.0	ug/l							
Anthracene	ND	1.0	ug/l							
Benzidine	ND	10	ug/l							
Benzo (a) anthracene	ND	1.0	ug/l							
Benzo (a) pyrene	ND	1.0	ug/l							
Benzo (b) fluoranthene	ND	1.0	ug/l							
Benzo (g,h,i) perylene	ND	1.0	ug/l							
Benzo (k) fluoranthene	ND	1.0	ug/l							
Bis(2-chloroethoxy)methane	ND	1.0	ug/l							
Bis(2-chloroethyl)ether	ND	1.0	ug/l							
Bis(2-chloroisopropyl)ether	ND	1.0	ug/l							
Bis(2-ethylhexyl)phthalate	5.59	2.0	ug/l							B
Butyl benzyl phthalate	ND	1.0	ug/l							
Chrysene	ND	1.0	ug/l							
Dibenzo (a,h) anthracene	ND	1.0	ug/l							
Diethyl phthalate	ND	1.0	ug/l							
Dimethyl phthalate	ND	1.0	ug/l							
Di-n-butyl phthalate	ND	1.0	ug/l							
Di-n-octyl phthalate	ND	1.0	ug/l							
Fluoranthene	ND	1.0	ug/l							
Fluorene	ND	1.0	ug/l							

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Quality Control Results

(Continued)

Acid and Base/Neutral Extractables by GC/MS (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1441 - EPA 625/L-L SF (Continued)										
Blank (W8H1441-BLK1)				**Prepared: 08/24/18 Analyzed: 09/12/18**						
Hexachlorobenzene	ND	1.0	ug/l							
Hexachlorobutadiene	ND	1.0	ug/l							
Hexachlorocyclopentadiene	ND	5.0	ug/l							
Hexachloroethane	ND	1.0	ug/l							
Indeno (1,2,3-cd) pyrene	ND	1.0	ug/l							
Isophorone	ND	1.0	ug/l							
Naphthalene	ND	1.0	ug/l							
Nitrobenzene	ND	1.0	ug/l							
N-Nitrosodimethylamine	ND	1.0	ug/l							
N-Nitrosodi-n-propylamine	ND	1.0	ug/l							
N-Nitrosodiphenylamine	ND	1.0	ug/l							
Pentachlorophenol	ND	1.0	ug/l							
Phenanthrene	ND	1.0	ug/l							
Phenol	ND	1.0	ug/l							
Pyrene	ND	1.0	ug/l							
Surrogate(s)										
2,4,6-Tribromophenol	*31.5*		*ug/l*	*50.0*		*63*	*25-102*			
2-Fluorobiphenyl	*15.8*		*ug/l*	*25.0*		*63*	*22-107*			
2-Fluorophenol	*21.8*		*ug/l*	*50.0*		*44*	*3-74*			
Nitrobenzene-d5	*16.0*		*ug/l*	*25.0*		*64*	*27-111*			
Phenol-d5	*13.8*		*ug/l*	*50.0*		*28*	*0.1-53*			
Terphenyl-d14	*22.9*		*ug/l*	*25.0*		*92*	*28-113*			
LCS (W8H1441-BS1)				**Prepared: 08/24/18 Analyzed: 09/12/18**						
1,2,4-Trichlorobenzene	16.4	1.0	ug/l	25.0		66	44-142			
1,2-Dichlorobenzene	15.7	1.0	ug/l	25.0		63	32-129			
1,3-Dichlorobenzene	15.3	1.0	ug/l	25.0		61	0.1-172			
1,4-Dichlorobenzene	15.4	1.0	ug/l	25.0		62	20-124			
2,4,6-Trichlorophenol	17.8	1.0	ug/l	25.0		71	37-144			
2,4-Dichlorophenol	17.8	1.0	ug/l	25.0		71	39-135			
2,4-Dimethylphenol	14.5	1.0	ug/l	25.0		58	32-119			
2,4-Dinitrophenol	28.8	5.0	ug/l	25.0		115	0.1-191			
2,4-Dinitrotoluene	22.3	1.0	ug/l	25.0		89	39-139			
2,6-Dinitrotoluene	18.2	1.0	ug/l	25.0		73	50-158			
2-Chloronaphthalene	17.7	1.0	ug/l	25.0		71	60-118			
2-Chlorophenol	15.6	1.0	ug/l	25.0		62	23-134			
2-Methyl-4,6-dinitrophenol	27.3	1.0	ug/l	25.0		109	0.1-181			
2-Nitrophenol	18.4	1.0	ug/l	25.0		73	29-182			
3,3'-Dichlorobenzidine	16.2	1.0	ug/l	25.0		65	0.1-262			
4-Bromophenyl phenyl ether	20.7	1.0	ug/l	25.0		83	53-127			
4-Chloro-3-methylphenol	17.1	1.0	ug/l	25.0		68	22-147			
4-Chlorophenyl phenyl ether	18.2	1.0	ug/l	25.0		73	25-158			
4-Nitrophenol	9.38	2.0	ug/l	25.0		38	0.1-132			
Acenaphthene	17.5	1.0	ug/l	25.0		70	47-145			

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Quality Control Results

(Continued)

Acid and Base/Neutral Extractables by GC/MS (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1441 - EPA 625/L-L SF (Continued)										
LCS (W8H1441-BS1)				**Prepared: 08/24/18**	**Analyzed: 09/12/18**					
Acenaphthylene	19.0	1.0	ug/l	25.0		76	33-145			
Anthracene	20.6	1.0	ug/l	25.0		82	27-133			
Benzo (a) anthracene	23.7	1.0	ug/l	25.0		95	33-143			
Benzo (a) pyrene	22.2	1.0	ug/l	25.0		89	17-163			
Benzo (b) fluoranthene	22.6	1.0	ug/l	25.0		90	24-159			
Benzo (g,h,i) perylene	22.3	1.0	ug/l	25.0		89	0.1-219			
Benzo (k) fluoranthene	22.9	1.0	ug/l	25.0		92	11-162			
Bis(2-chloroethoxy)methane	15.6	1.0	ug/l	25.0		62	33-184			
Bis(2-chloroethyl)ether	16.2	1.0	ug/l	25.0		65	12-158			
Bis(2-chloroisopropyl)ether	14.2	1.0	ug/l	25.0		57	36-166			
Bis(2-ethylhexyl)phthalate	26.5	2.0	ug/l	25.0		106	8-158			
Butyl benzyl phthalate	23.7	1.0	ug/l	25.0		95	0.1-152			
Chrysene	22.6	1.0	ug/l	25.0		90	17-168			
Dibenzo (a,h) anthracene	22.8	1.0	ug/l	25.0		91	0.1-227			
Diethyl phthalate	19.7	1.0	ug/l	25.0		79	0.1-114			
Dimethyl phthalate	18.1	1.0	ug/l	25.0		72	0.1-112			
Di-n-butyl phthalate	24.8	1.0	ug/l	25.0		99	1-118			
Di-n-octyl phthalate	22.6	1.0	ug/l	25.0		91	4-146			
Fluoranthene	23.6	1.0	ug/l	25.0		94	26-137			
Fluorene	18.3	1.0	ug/l	25.0		73	59-121			
Hexachlorobenzene	19.8	1.0	ug/l	25.0		79	0.1-152			
Hexachlorobutadiene	16.3	1.0	ug/l	25.0		65	24-116			
Hexachlorocyclopentadiene	6.74	5.0	ug/l	25.0		27	0.1-81			
Hexachloroethane	16.1	1.0	ug/l	25.0		64	40-113			
Indeno (1,2,3-cd) pyrene	23.9	1.0	ug/l	25.0		95	0.1-171			
Isophorone	14.1	1.0	ug/l	25.0		56	21-196			
Naphthalene	16.6	1.0	ug/l	25.0		66	21-133			
Nitrobenzene	17.2	1.0	ug/l	25.0		69	35-180			
N-Nitrosodimethylamine	10.3	1.0	ug/l	25.0		41	20-83			
N-Nitrosodi-n-propylamine	16.3	1.0	ug/l	25.0		65	0.1-230			
N-Nitrosodiphenylamine	15.9	1.0	ug/l	25.0		64	42-90			
Pentachlorophenol	17.5	1.0	ug/l	25.0		70	14-176			
Phenanthrene	20.9	1.0	ug/l	25.0		84	54-120			
Phenol	6.50	1.0	ug/l	25.0		26	5-112			
Pyrene	23.4	1.0	ug/l	25.0		94	52-115			
Surrogate(s)										
2,4,6-Tribromophenol	*39.6*		*ug/l*	*50.0*		*79*	*25-102*			
2-Fluorobiphenyl	*17.3*		*ug/l*	*25.0*		*69*	*22-107*			
2-Fluorophenol	*21.6*		*ug/l*	*50.0*		*43*	*3-74*			
Nitrobenzene-d5	*16.4*		*ug/l*	*25.0*		*66*	*27-111*			
Phenol-d5	*13.7*		*ug/l*	*50.0*		*27*	*0.1-53*			
Terphenyl-d14	*23.8*		*ug/l*	*25.0*		*95*	*28-113*			

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Quality Control Results

(Continued)

Acid and Base/Neutral Extractables by GC/MS (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1441 - EPA 625/L-L SF (Continued)										
LCS Dup (W8H1441-BSD1)				**Prepared: 08/24/18**	**Analyzed: 09/12/18**					
1,2,4-Trichlorobenzene	15.4	1.0	ug/l	25.0		62	44-142	6	30	
1,2-Dichlorobenzene	15.1	1.0	ug/l	25.0		60	32-129	4	30	
1,3-Dichlorobenzene	14.5	1.0	ug/l	25.0		58	0.1-172	5	30	
1,4-Dichlorobenzene	14.9	1.0	ug/l	25.0		59	20-124	3	30	
2,4,6-Trichlorophenol	15.6	1.0	ug/l	25.0		62	37-144	13	30	
2,4-Dichlorophenol	17.0	1.0	ug/l	25.0		68	39-135	5	30	
2,4-Dimethylphenol	13.1	1.0	ug/l	25.0		52	32-119	10	30	
2,4-Dinitrophenol	27.6	5.0	ug/l	25.0		110	0.1-191	4	30	
2,4-Dinitrotoluene	20.5	1.0	ug/l	25.0		82	39-139	9	30	
2,6-Dinitrotoluene	16.3	1.0	ug/l	25.0		65	50-158	11	30	
2-Chloronaphthalene	15.8	1.0	ug/l	25.0		63	60-118	11	30	
2-Chlorophenol	14.9	1.0	ug/l	25.0		60	23-134	4	30	
2-Methyl-4,6-dinitrophenol	25.3	1.0	ug/l	25.0		101	0.1-181	7	30	
2-Nitrophenol	17.5	1.0	ug/l	25.0		70	29-182	5	30	
3,3'-Dichlorobenzidine	14.6	1.0	ug/l	25.0		58	0.1-262	11	30	
4-Bromophenyl phenyl ether	19.6	1.0	ug/l	25.0		78	53-127	5	30	
4-Chloro-3-methylphenol	15.2	1.0	ug/l	25.0		61	22-147	12	30	
4-Chlorophenyl phenyl ether	17.4	1.0	ug/l	25.0		70	25-158	5	30	
4-Nitrophenol	8.74	2.0	ug/l	25.0		35	0.1-132	7	30	
Acenaphthene	16.3	1.0	ug/l	25.0		65	47-145	7	30	
Acenaphthylene	16.6	1.0	ug/l	25.0		67	33-145	13	30	
Anthracene	19.3	1.0	ug/l	25.0		77	27-133	6	30	
Benzo (a) anthracene	20.9	1.0	ug/l	25.0		84	33-143	12	30	
Benzo (a) pyrene	20.7	1.0	ug/l	25.0		83	17-163	7	30	
Benzo (b) fluoranthene	20.9	1.0	ug/l	25.0		84	24-159	8	30	
Benzo (g,h,i) perylene	21.3	1.0	ug/l	25.0		85	0.1-219	5	30	
Benzo (k) fluoranthene	21.5	1.0	ug/l	25.0		86	11-162	6	30	
Bis(2-chloroethoxy)methane	14.8	1.0	ug/l	25.0		59	33-184	5	30	
Bis(2-chloroethyl)ether	15.7	1.0	ug/l	25.0		63	12-158	3	30	
Bis(2-chloroisopropyl)ether	13.4	1.0	ug/l	25.0		53	36-166	6	30	
Bis(2-ethylhexyl)phthalate	23.2	2.0	ug/l	25.0		93	8-158	13	30	
Butyl benzyl phthalate	21.3	1.0	ug/l	25.0		85	0.1-152	11	30	
Chrysene	20.9	1.0	ug/l	25.0		84	17-168	8	30	
Dibenzo (a,h) anthracene	21.3	1.0	ug/l	25.0		85	0.1-227	7	30	
Diethyl phthalate	18.8	1.0	ug/l	25.0		75	0.1-114	5	30	
Dimethyl phthalate	16.2	1.0	ug/l	25.0		65	0.1-112	11	30	
Di-n-butyl phthalate	22.3	1.0	ug/l	25.0		89	1-118	11	30	
Di-n-octyl phthalate	20.6	1.0	ug/l	25.0		83	4-146	9	30	
Fluoranthene	21.2	1.0	ug/l	25.0		85	26-137	10	30	
Fluorene	17.4	1.0	ug/l	25.0		70	59-121	5	30	
Hexachlorobenzene	18.5	1.0	ug/l	25.0		74	0.1-152	7	30	
Hexachlorobutadiene	14.8	1.0	ug/l	25.0		59	24-116	10	30	

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Quality Control Results

(Continued)

Acid and Base/Neutral Extractables by GC/MS (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1441 - EPA 625/L-L SF (Continued)										
LCS Dup (W8H1441-BSD1)				**Prepared: 08/24/18**	**Analyzed: 09/12/18**					
Hexachlorocyclopentadiene	6.79	5.0	ug/l	25.0		27	0.1-81	0.6	30	
Hexachloroethane	15.5	1.0	ug/l	25.0		62	40-113	4	30	
Indeno (1,2,3-cd) pyrene	23.3	1.0	ug/l	25.0		93	0.1-171	2	30	
Isophorone	13.1	1.0	ug/l	25.0		52	21-196	7	30	
Naphthalene	14.6	1.0	ug/l	25.0		58	21-133	13	30	
Nitrobenzene	16.4	1.0	ug/l	25.0		66	35-180	5	30	
N-Nitrosodimethylamine	9.68	1.0	ug/l	25.0		39	20-83	6	30	
N-Nitrosodi-n-propylamine	15.5	1.0	ug/l	25.0		62	0.1-230	5	30	
N-Nitrosodiphenylamine	14.9	1.0	ug/l	25.0		60	42-90	7	30	
Pentachlorophenol	16.5	1.0	ug/l	25.0		66	14-176	6	30	
Phenanthrene	19.4	1.0	ug/l	25.0		77	54-120	8	30	
Phenol	6.26	1.0	ug/l	25.0		25	5-112	4	30	
Pyrene	21.4	1.0	ug/l	25.0		86	52-115	9	30	
Surrogate(s)										
2,4,6-Tribromophenol	*36.5*		*ug/l*	*50.0*		*73*	*25-102*			
2-Fluorobiphenyl	*15.2*		*ug/l*	*25.0*		*61*	*22-107*			
2-Fluorophenol	*20.4*		*ug/l*	*50.0*		*41*	*3-74*			
Nitrobenzene-d5	*15.4*		*ug/l*	*25.0*		*62*	*27-111*			
Phenol-d5	*13.0*		*ug/l*	*50.0*		*26*	*0.1-53*			
Terphenyl-d14	*21.6*		*ug/l*	*25.0*		*86*	*28-113*			

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Quality Control Results

(Continued)

Anions by IC, EPA Method 300.1

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1526 - EPA 300.1/Dir Inj										
Blank (W8H1526-BLK1)				**Prepared & Analyzed: 08/27/18**						
Bromate	ND	5.0	ug/l							
Chlorite	ND	10	ug/l							
Surrogate(s)										
Dichloroacetate		*497*	*ug/l*	*500*		*99*	*90-115*			
Dichloroacetate		*497*	*ug/l*	*500*		*99*	*90-115*			
LCS (W8H1526-BS1)				**Prepared & Analyzed: 08/27/18**						
Bromate	93.1	5.0	ug/l	100		93	85-115			
Chlorite	90.2	10	ug/l	100		90	85-115			
Surrogate(s)										
Dichloroacetate		*509*	*ug/l*	*500*		*102*	*90-115*			
Dichloroacetate		*509*	*ug/l*	*500*		*102*	*90-115*			
Matrix Spike (W8H1526-MS1)	**Source: 8H15004-03**			**Prepared & Analyzed: 08/27/18**						
Bromate	80.6	5.0	ug/l	100	*ND*	81	64-133			
Chlorite	85.4	10	ug/l	100	*ND*	85	78-129			
Surrogate(s)										
Dichloroacetate		*497*	*ug/l*	*500*		*99*	*90-115*			
Dichloroacetate		*497*	*ug/l*	*500*		*99*	*90-115*			
Matrix Spike (W8H1526-MS2)	**Source: 8H15004-04**			**Prepared & Analyzed: 08/27/18**						
Bromate	253	25	ug/l	500	*ND*	51	64-133			MS-05
Chlorite	440	50	ug/l	500	*ND*	88	78-129			
Surrogate(s)										
Dichloroacetate		*532*	*ug/l*	*500*		*106*	*90-115*			
Dichloroacetate		*532*	*ug/l*	*500*		*106*	*90-115*			
Matrix Spike Dup (W8H1526-MSD1)	**Source: 8H15004-03**			**Prepared & Analyzed: 08/27/18**						
Bromate	82.7	5.0	ug/l	100	*ND*	83	64-133	3	20	
Chlorite	84.9	10	ug/l	100	*ND*	85	78-129	0.6	20	
Surrogate(s)										
Dichloroacetate		*496*	*ug/l*	*500*		*99*	*90-115*			
Dichloroacetate		*496*	*ug/l*	*500*		*99*	*90-115*			
Matrix Spike Dup (W8H1526-MSD2)	**Source: 8H15004-04**			**Prepared & Analyzed: 08/27/18**						
Bromate	251	25	ug/l	500	*ND*	50	64-133	1	20	MS-05
Chlorite	432	50	ug/l	500	*ND*	86	78-129	2	20	
Surrogate(s)										
Dichloroacetate		*514*	*ug/l*	*500*		*103*	*90-115*			
Dichloroacetate		*514*	*ug/l*	*500*		*103*	*90-115*			

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Quality Control Results

(Continued)

Carbamates and Urea Pesticides

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1676 - Direct Injection										
Blank (W8H1676-BLK1)				**Prepared & Analyzed: 08/28/18**						
3-Hydroxycarbofuran	ND	2.0	ug/l							
Aldicarb	ND	2.0	ug/l							
Aldicarb sulfone	ND	2.0	ug/l							
Aldicarb sulfoxide	ND	2.0	ug/l							
Carbaryl	ND	2.0	ug/l							
Carbofuran	ND	2.0	ug/l							
Methiocarb	ND	2.0	ug/l							
Methomyl	ND	2.0	ug/l							
Oxamyl	ND	2.0	ug/l							
Propoxur (Baygon)	ND	2.0	ug/l							
LCS (W8H1676-BS1)				**Prepared & Analyzed: 08/28/18**						
3-Hydroxycarbofuran	9.06	2.0	ug/l	10.0		91	80-120			
Aldicarb	9.99	2.0	ug/l	10.0		100	80-120			
Aldicarb sulfone	10.1	2.0	ug/l	10.0		101	80-120			
Aldicarb sulfoxide	9.91	2.0	ug/l	10.0		99	80-120			
Carbaryl	10.7	2.0	ug/l	10.0		107	80-120			
Carbofuran	9.82	2.0	ug/l	10.0		98	80-120			
Methiocarb	9.76	2.0	ug/l	10.0		98	80-120			
Methomyl	11.0	2.0	ug/l	10.0		110	80-120			
Oxamyl	10.9	2.0	ug/l	10.0		109	80-120			
Propoxur (Baygon)	9.73	2.0	ug/l	10.0		97	80-120			
Matrix Spike (W8H1676-MS1)	**Source: 8H06085-01**			**Prepared & Analyzed: 08/28/18**						
3-Hydroxycarbofuran	9.88	2.0	ug/l	10.0	*ND*	99	65-135			
Aldicarb	9.90	2.0	ug/l	10.0	*ND*	99	65-135			
Aldicarb sulfone	10.4	2.0	ug/l	10.0	*ND*	104	65-135			
Aldicarb sulfoxide	10.1	2.0	ug/l	10.0	*ND*	101	65-135			
Carbaryl	10.6	2.0	ug/l	10.0	*ND*	106	65-135			
Carbofuran	10.4	2.0	ug/l	10.0	*ND*	104	65-135			
Methiocarb	10.3	2.0	ug/l	10.0	*ND*	103	65-135			
Methomyl	9.15	2.0	ug/l	10.0	*ND*	91	65-135			
Oxamyl	11.7	2.0	ug/l	10.0	*ND*	117	65-135			
Propoxur (Baygon)	9.62	2.0	ug/l	10.0	*ND*	96	65-135			
Matrix Spike Dup (W8H1676-MSD1)	**Source: 8H06085-01**			**Prepared & Analyzed: 08/28/18**						
3-Hydroxycarbofuran	9.37	2.0	ug/l	10.0	*ND*	94	65-135	5	30	
Aldicarb	9.64	2.0	ug/l	10.0	*ND*	96	65-135	3	30	
Aldicarb sulfone	10.1	2.0	ug/l	10.0	*ND*	101	65-135	3	30	
Aldicarb sulfoxide	9.83	2.0	ug/l	10.0	*ND*	98	65-135	2	30	
Carbaryl	10.4	2.0	ug/l	10.0	*ND*	104	65-135	2	30	
Carbofuran	10.4	2.0	ug/l	10.0	*ND*	104	65-135	0.5	30	
Methiocarb	10.6	2.0	ug/l	10.0	*ND*	106	65-135	2	30	
Methomyl	10.7	2.0	ug/l	10.0	*ND*	107	65-135	16	30	
Oxamyl	10.2	2.0	ug/l	10.0	*ND*	102	65-135	14	30	

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Quality Control Results

(Continued)

Carbamates and Urea Pesticides (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1676 - Direct Injection (Continued)										
Matrix Spike Dup (W8H1676-MSD1)	**Source: 8H06085-01**			**Prepared & Analyzed: 08/28/18**						
Propoxur (Baygon)	10.3	2.0	ug/l	10.0	*ND*	103	65-135	7	30	

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Quality Control Results

(Continued)

Chlorinated Acids Herbicides by GC/ECD

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1439 - EPA 515.3/Micro Ext. Drtz.										
Blank (W8H1439-BLK1)				**Prepared: 08/24/18 Analyzed: 09/04/18**						
2,4,5-T	ND	0.20	ug/l							
2,4,5-TP (Silvex)	ND	0.20	ug/l							
2,4-D	ND	0.40	ug/l							
2,4-DB	ND	2.0	ug/l							
3,5-Dichlorobenzoic acid	ND	1.0	ug/l							
Acifluorfen	ND	0.40	ug/l							
Bentazon	ND	2.0	ug/l							
Dalapon	ND	0.40	ug/l							
DCPA	ND	0.10	ug/l							
Dicamba	ND	0.60	ug/l							
Dichloroprop	ND	0.30	ug/l							
Dinoseb	ND	0.40	ug/l							
Pentachlorophenol	ND	0.20	ug/l							
Picloram	ND	0.60	ug/l							
Surrogate(s)										
2,4-DCAA	*11.7*		*ug/l*	*10.0*		*117*	*70-130*			
LCS (W8H1439-BS1)				**Prepared: 08/24/18 Analyzed: 09/04/18**						
2,4,5-T	5.08	0.20	ug/l	4.00		127	70-130			
2,4,5-TP (Silvex)	5.00	0.20	ug/l	4.00		125	70-130			
2,4-D	8.94	0.40	ug/l	8.00		112	70-130			
2,4-DB	20.2	2.0	ug/l	16.0		126	70-130			
3,5-Dichlorobenzoic acid	9.77	1.0	ug/l	8.00		122	70-130			
Acifluorfen	4.42	0.40	ug/l	4.00		110	70-130			
Bentazon	17.4	2.0	ug/l	16.0		108	70-130			
Dalapon	10.2	0.40	ug/l	8.00		127	70-130			
DCPA	4.12	0.10	ug/l	4.00		103	70-130			
Dicamba	9.98	0.60	ug/l	8.00		125	70-130			
Dichloroprop	9.43	0.30	ug/l	8.00		118	70-130			
Dinoseb	5.01	0.40	ug/l	4.00		125	70-130			
Pentachlorophenol	3.98	0.20	ug/l	4.00		100	70-130			
Picloram	4.78	0.60	ug/l	4.00		120	70-130			
Surrogate(s)										
2,4-DCAA	*12.0*		*ug/l*	*10.0*		*120*	*70-130*			
Matrix Spike (W8H1439-MS1)	**Source: 8H21038-01**			**Prepared: 08/24/18 Analyzed: 09/04/18**						
2,4,5-T	4.56	0.20	ug/l	4.00	*ND*	114	70-130			
2,4,5-TP (Silvex)	4.56	0.20	ug/l	4.00	*ND*	114	70-130			
2,4-D	9.94	0.40	ug/l	8.00	*ND*	124	70-130			
2,4-DB	19.2	2.0	ug/l	16.0	*ND*	120	70-130			
3,5-Dichlorobenzoic acid	10.3	1.0	ug/l	8.00	*ND*	129	70-130			
Acifluorfen	4.49	0.40	ug/l	4.00	*ND*	112	70-130			
Bentazon	17.7	2.0	ug/l	16.0	*ND*	111	70-130			
Dalapon	9.61	0.40	ug/l	8.00	*ND*	120	70-130			
DCPA	4.48	0.10	ug/l	4.00	*ND*	112	70-130			

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Quality Control Results

(Continued)

Chlorinated Acids Herbicides by GC/ECD (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1439 - EPA 515.3/Micro Ext. Drtz. (Continued)										
Matrix Spike (W8H1439-MS1)	**Source: 8H21038-01**			**Prepared: 08/24/18**	**Analyzed: 09/04/18**					
Dicamba	9.96	0.60	ug/l	8.00	*ND*	124	70-130			
Dichloroprop	9.57	0.30	ug/l	8.00	*ND*	120	70-130			
Dinoseb	4.64	0.40	ug/l	4.00	*ND*	116	70-130			
Pentachlorophenol	3.99	0.20	ug/l	4.00	*ND*	100	70-130			
Picloram	4.88	0.60	ug/l	4.00	*ND*	122	70-130			
Surrogate(s)										
2,4-DCAA	*12.6*		*ug/l*	*10.0*		*126*	*70-130*			
Matrix Spike (W8H1439-MS2)	**Source: 8H22006-01**			**Prepared: 08/24/18**	**Analyzed: 09/04/18**					
2,4,5-T	4.48	0.20	ug/l	4.00	*ND*	112	70-130			
2,4,5-TP (Silvex)	4.48	0.20	ug/l	4.00	*ND*	112	70-130			
2,4-D	9.15	0.40	ug/l	8.00	*ND*	114	70-130			
2,4-DB	17.9	2.0	ug/l	16.0	*ND*	112	70-130			
3,5-Dichlorobenzoic acid	9.26	1.0	ug/l	8.00	*ND*	116	70-130			
Acifluorfen	4.33	0.40	ug/l	4.00	*ND*	108	70-130			
Bentazon	16.7	2.0	ug/l	16.0	*ND*	104	70-130			
Dalapon	9.87	0.40	ug/l	8.00	*ND*	123	70-130			
DCPA	4.43	0.10	ug/l	4.00	*ND*	111	70-130			
Dicamba	6.63	0.60	ug/l	8.00	*ND*	83	70-130			
Dichloroprop	9.20	0.30	ug/l	8.00	*ND*	115	70-130			
Dinoseb	4.46	0.40	ug/l	4.00	*ND*	111	70-130			
Pentachlorophenol	3.84	0.20	ug/l	4.00	*ND*	96	70-130			
Picloram	4.62	0.60	ug/l	4.00	*ND*	116	70-130			
Surrogate(s)										
2,4-DCAA	*11.8*		*ug/l*	*10.0*		*118*	*70-130*			
Matrix Spike Dup (W8H1439-MSD1)	**Source: 8H21038-01**			**Prepared: 08/24/18**	**Analyzed: 09/04/18**					
2,4,5-T	4.39	0.20	ug/l	4.00	*ND*	110	70-130	4	30	
2,4,5-TP (Silvex)	4.41	0.20	ug/l	4.00	*ND*	110	70-130	3	30	
2,4-D	8.82	0.40	ug/l	8.00	*ND*	110	70-130	12	30	
2,4-DB	17.7	2.0	ug/l	16.0	*ND*	110	70-130	8	30	
3,5-Dichlorobenzoic acid	8.93	1.0	ug/l	8.00	*ND*	112	70-130	14	30	
Acifluorfen	4.50	0.40	ug/l	4.00	*ND*	113	70-130	0.2	30	
Bentazon	16.3	2.0	ug/l	16.0	*ND*	102	70-130	8	30	
Dalapon	7.11	0.40	ug/l	8.00	*ND*	89	70-130	30	30	
DCPA	4.46	0.10	ug/l	4.00	*ND*	112	70-130	0.4	30	
Dicamba	6.78	0.60	ug/l	8.00	*ND*	85	70-130	38	30	MS-05
Dichloroprop	8.77	0.30	ug/l	8.00	*ND*	110	70-130	9	30	
Dinoseb	4.47	0.40	ug/l	4.00	*ND*	112	70-130	4	30	
Pentachlorophenol	3.70	0.20	ug/l	4.00	*ND*	93	70-130	7	30	
Picloram	4.56	0.60	ug/l	4.00	*ND*	114	70-130	7	30	
Surrogate(s)										
2,4-DCAA	*11.7*		*ug/l*	*10.0*		*117*	*70-130*			
Matrix Spike Dup (W8H1439-MSD2)	**Source: 8H22006-01**			**Prepared: 08/24/18**	**Analyzed: 09/04/18**					
2,4,5-T	4.43	0.20	ug/l	4.00	*ND*	111	70-130	1	30	

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Quality Control Results

(Continued)

Chlorinated Acids Herbicides by GC/ECD (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1439 - EPA 515.3/Micro Ext. Drtz. (Continued)										
Matrix Spike Dup (W8H1439-MSD2)	**Source: 8H22006-01**			**Prepared: 08/24/18**	**Analyzed: 09/04/18**					
2,4,5-TP (Silvex)	4.46	0.20	ug/l	4.00	*ND*	112	70-130	0.3	30	
2,4-D	8.49	0.40	ug/l	8.00	*ND*	106	70-130	7	30	
2,4-DB	17.1	2.0	ug/l	16.0	*ND*	107	70-130	5	30	
3,5-Dichlorobenzoic acid	8.78	1.0	ug/l	8.00	*ND*	110	70-130	5	30	
Acifluorfen	4.36	0.40	ug/l	4.00	*ND*	109	70-130	0.9	30	
Bentazon	16.3	2.0	ug/l	16.0	*ND*	102	70-130	2	30	
Dalapon	9.11	0.40	ug/l	8.00	*ND*	114	70-130	8	30	
DCPA	4.46	0.10	ug/l	4.00	*ND*	111	70-130	0.7	30	
Dicamba	6.60	0.60	ug/l	8.00	*ND*	83	70-130	0.4	30	
Dichloroprop	8.55	0.30	ug/l	8.00	*ND*	107	70-130	7	30	
Dinoseb	4.41	0.40	ug/l	4.00	*ND*	110	70-130	1	30	
Pentachlorophenol	3.98	0.20	ug/l	4.00	*ND*	100	70-130	4	30	
Picloram	4.52	0.60	ug/l	4.00	*ND*	113	70-130	2	30	
Surrogate(s)										
2,4-DCAA	*11.2*		*ug/l*	*10.0*		*112*	*70-130*			

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Quality Control Results

(Continued)

Chlorinated Pesticides and/or PCBs by GC/ECD

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1618 - EPA 508/L-L SF										
Blank (W8H1618-BLK1)				**Prepared: 08/28/18 Analyzed: 09/04/18**						
4,4´-DDD	ND	0.010	ug/l							
4,4´-DDE	ND	0.010	ug/l							
4,4´-DDT	ND	0.010	ug/l							
Aldrin	ND	0.010	ug/l							
alpha-BHC	ND	0.010	ug/l							
Aroclor 1016	ND	0.10	ug/l							
Aroclor 1221	ND	0.10	ug/l							
Aroclor 1232	ND	0.10	ug/l							
Aroclor 1242	ND	0.10	ug/l							
Aroclor 1248	ND	0.10	ug/l							
Aroclor 1254	ND	0.10	ug/l							
Aroclor 1260	ND	0.10	ug/l							
beta-BHC	ND	0.010	ug/l							
Chlordane (tech)	ND	0.10	ug/l							
Chlorothalonil	ND	0.050	ug/l							
delta-BHC	ND	0.010	ug/l							
Dieldrin	ND	0.010	ug/l							
Endosulfan I	ND	0.010	ug/l							
Endosulfan II	ND	0.010	ug/l							
Endosulfan sulfate	ND	0.010	ug/l							
Endrin	ND	0.010	ug/l							
Endrin aldehyde	ND	0.010	ug/l							
gamma-BHC (Lindane)	ND	0.010	ug/l							
Heptachlor	ND	0.010	ug/l							
Heptachlor epoxide	ND	0.010	ug/l							
Hexachlorobenzene	ND	0.050	ug/l							
Hexachlorocyclopentadiene	ND	0.050	ug/l							
Methoxychlor	ND	0.010	ug/l							
PCBs, Total	ND	0.50	ug/l							
Propachlor	ND	0.050	ug/l							
Toxaphene	ND	0.50	ug/l							
Trifluralin	ND	0.010	ug/l							
Surrogate(s)										
Decachlorobiphenyl	*0.107*		*ug/l*	*0.100*		*107*	*70-130*			
Tetrachloro-meta-xylene	*0.0862*		*ug/l*	*0.100*		*86*	*70-130*			
Blank (W8H1618-BLK2)				**Prepared: 08/28/18 Analyzed: 09/07/18**						
4,4´-DDD	ND	0.010	ug/l							QC-2
4,4´-DDE	ND	0.010	ug/l							QC-2
4,4´-DDT	ND	0.010	ug/l							QC-2
Aldrin	ND	0.010	ug/l							QC-2
alpha-BHC	ND	0.010	ug/l							QC-2
Aroclor 1016	ND	0.10	ug/l							QC-2
Aroclor 1221	ND	0.10	ug/l							QC-2

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Quality Control Results

(Continued)

Chlorinated Pesticides and/or PCBs by GC/ECD (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1618 - EPA 508/L-L SF (Continued)										
Blank (W8H1618-BLK2)				**Prepared: 08/28/18 Analyzed: 09/07/18**						
Aroclor 1232	ND	0.10	ug/l							QC-2
Aroclor 1242	ND	0.10	ug/l							QC-2
Aroclor 1248	ND	0.10	ug/l							QC-2
Aroclor 1254	ND	0.10	ug/l							QC-2
Aroclor 1260	ND	0.10	ug/l							QC-2
beta-BHC	ND	0.010	ug/l							QC-2
Chlordane (tech)	ND	0.10	ug/l							QC-2
Chlorothalonil	ND	0.050	ug/l							QC-2
delta-BHC	ND	0.010	ug/l							QC-2
Dieldrin	ND	0.010	ug/l							QC-2
Endosulfan I	ND	0.010	ug/l							QC-2
Endosulfan II	ND	0.010	ug/l							QC-2
Endosulfan sulfate	ND	0.010	ug/l							QC-2
Endrin	ND	0.010	ug/l							QC-2
Endrin aldehyde	ND	0.010	ug/l							QC-2
gamma-BHC (Lindane)	ND	0.010	ug/l							QC-2
Heptachlor	ND	0.010	ug/l							QC-2
Heptachlor epoxide	ND	0.010	ug/l							QC-2
Hexachlorobenzene	ND	0.050	ug/l							QC-2
Hexachlorocyclopentadiene	ND	0.050	ug/l							QC-2
Methoxychlor	ND	0.010	ug/l							QC-2
PCBs, Total	ND	0.50	ug/l							QC-2
Propachlor	ND	0.050	ug/l							QC-2
Toxaphene	ND	0.50	ug/l							QC-2
Trifluralin	ND	0.010	ug/l							QC-2
Surrogate(s)										
Decachlorobiphenyl	*0.119*		*ug/l*	*0.100*		*119*	*70-130*			*QC-2*
Tetrachloro-meta-xylene	*0.0893*		*ug/l*	*0.100*		*89*	*70-130*			*QC-2*
LCS (W8H1618-BS1)				**Prepared: 08/28/18 Analyzed: 09/04/18**						
4,4´-DDD	0.0939	0.010	ug/l	0.100		94	55-142			
4,4´-DDE	0.0884	0.010	ug/l	0.100		88	49-129			
4,4´-DDT	0.0960	0.010	ug/l	0.100		96	54-160			
Aldrin	0.0816	0.010	ug/l	0.100		82	29-115			
alpha-BHC	0.0825	0.010	ug/l	0.100		83	59-131			
beta-BHC	0.0987	0.010	ug/l	0.100		99	63-136			
delta-BHC	0.0982	0.010	ug/l	0.100		98	59-137			
Dieldrin	0.0925	0.010	ug/l	0.100		93	59-135			
Endosulfan I	0.0932	0.010	ug/l	0.100		93	28-138			
Endosulfan II	0.0901	0.010	ug/l	0.100		90	53-133			
Endosulfan sulfate	0.110	0.010	ug/l	0.100		110	58-155			
Endrin	0.0874	0.010	ug/l	0.100		87	57-148			
Endrin aldehyde	0.0778	0.010	ug/l	0.100		78	45-139			
gamma-BHC (Lindane)	0.0840	0.010	ug/l	0.100		84	59-129			

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Quality Control Results

(Continued)

Chlorinated Pesticides and/or PCBs by GC/ECD (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1618 - EPA 508/L-L SF (Continued)										
LCS (W8H1618-BS1)				**Prepared: 08/28/18 Analyzed: 09/04/18**						
Heptachlor	0.0821	0.010	ug/l	0.100		82	42-136			
Heptachlor epoxide	0.0959	0.010	ug/l	0.100		96	59-134			
Methoxychlor	0.0970	0.010	ug/l	0.100		97	56-167			
Surrogate(s)										
Decachlorobiphenyl		*0.106*	*ug/l*	*0.100*		*106*	*70-130*			
Tetrachloro-meta-xylene		*0.0940*	*ug/l*	*0.100*		*94*	*70-130*			
LCS (W8H1618-BS2)				**Prepared: 08/28/18 Analyzed: 09/04/18**						
Aroclor 1016	1.08	0.10	ug/l	1.00		108	49-152			
Aroclor 1260	2.45	0.10	ug/l	1.00		245	52-146			Q-08
Surrogate(s)										
Decachlorobiphenyl		*0.126*	*ug/l*	*0.100*		*126*	*70-130*			
Tetrachloro-meta-xylene		*0.0960*	*ug/l*	*0.100*		*96*	*70-130*			
LCS (W8H1618-BS3)				**Prepared: 08/28/18 Analyzed: 09/07/18**						
4,4´-DDD	0.0991	0.010	ug/l	0.100		99	55-142			QC-2
4,4´-DDE	0.0943	0.010	ug/l	0.100		94	49-129			QC-2
4,4´-DDT	0.107	0.010	ug/l	0.100		107	54-160			QC-2
Aldrin	0.0843	0.010	ug/l	0.100		84	29-115			QC-2
alpha-BHC	0.0858	0.010	ug/l	0.100		86	59-131			QC-2
beta-BHC	0.0973	0.010	ug/l	0.100		97	63-136			QC-2
delta-BHC	0.105	0.010	ug/l	0.100		105	59-137			QC-2
Dieldrin	0.0994	0.010	ug/l	0.100		99	59-135			QC-2
Endosulfan I	0.0982	0.010	ug/l	0.100		98	28-138			QC-2
Endosulfan II	0.0964	0.010	ug/l	0.100		96	53-133			QC-2
Endosulfan sulfate	0.117	0.010	ug/l	0.100		117	58-155			QC-2
Endrin	0.101	0.010	ug/l	0.100		101	57-148			QC-2
Endrin aldehyde	0.0763	0.010	ug/l	0.100		76	45-139			QC-2
gamma-BHC (Lindane)	0.0869	0.010	ug/l	0.100		87	59-129			QC-2
Heptachlor	0.0847	0.010	ug/l	0.100		85	42-136			QC-2
Heptachlor epoxide	0.0998	0.010	ug/l	0.100		100	59-134			QC-2
Methoxychlor	0.110	0.010	ug/l	0.100		110	56-167			QC-2
Surrogate(s)										
Decachlorobiphenyl		*0.129*	*ug/l*	*0.100*		*129*	*70-130*			*QC-2*
Tetrachloro-meta-xylene		*0.0951*	*ug/l*	*0.100*		*95*	*70-130*			*QC-2*
LCS Dup (W8H1618-BSD1)				**Prepared: 08/28/18 Analyzed: 09/04/18**						
4,4´-DDD	0.0942	0.010	ug/l	0.100		94	55-142	0.4	25	
4,4´-DDE	0.0907	0.010	ug/l	0.100		91	49-129	3	25	
4,4´-DDT	0.0962	0.010	ug/l	0.100		96	54-160	0.2	25	
Aldrin	0.0809	0.010	ug/l	0.100		81	29-115	0.9	25	
alpha-BHC	0.0859	0.010	ug/l	0.100		86	59-131	4	25	
beta-BHC	0.0989	0.010	ug/l	0.100		99	63-136	0.2	25	
delta-BHC	0.0982	0.010	ug/l	0.100		98	59-137	0.02	25	
Dieldrin	0.0967	0.010	ug/l	0.100		97	59-135	4	25	
Endosulfan I	0.0938	0.010	ug/l	0.100		94	28-138	0.6	25	

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Quality Control Results

(Continued)

Chlorinated Pesticides and/or PCBs by GC/ECD (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1618 - EPA 508/L-L SF (Continued)										
LCS Dup (W8H1618-BSD1)				**Prepared: 08/28/18**	**Analyzed: 09/04/18**					
Endosulfan II	0.0918	0.010	ug/l	0.100		92	53-133	2	25	
Endosulfan sulfate	0.105	0.010	ug/l	0.100		105	58-155	5	25	
Endrin	0.0878	0.010	ug/l	0.100		88	57-148	0.5	25	
Endrin aldehyde	0.0831	0.010	ug/l	0.100		83	45-139	7	25	
gamma-BHC (Lindane)	0.0854	0.010	ug/l	0.100		85	59-129	2	25	
Heptachlor	0.0851	0.010	ug/l	0.100		85	42-136	4	25	
Heptachlor epoxide	0.0989	0.010	ug/l	0.100		99	59-134	3	25	
Methoxychlor	0.0941	0.010	ug/l	0.100		94	56-167	3	25	
Surrogate(s)										
Decachlorobiphenyl		*0.100*	*ug/l*	*0.100*		*100*	*70-130*			
Tetrachloro-meta-xylene		*0.0918*	*ug/l*	*0.100*		*92*	*70-130*			
LCS Dup (W8H1618-BSD2)				**Prepared: 08/28/18**	**Analyzed: 09/04/18**					
Aroclor 1016	1.12	0.10	ug/l	1.00		112	49-152	3	25	
Aroclor 1260	2.59	0.10	ug/l	1.00		259	52-146	6	25	Q-08
Surrogate(s)										
Decachlorobiphenyl		*0.0945*	*ug/l*	*0.100*		*94*	*70-130*			
Tetrachloro-meta-xylene		*0.0948*	*ug/l*	*0.100*		*95*	*70-130*			
LCS Dup (W8H1618-BSD3)				**Prepared: 08/28/18**	**Analyzed: 09/07/18**					
4,4´-DDD	0.110	0.010	ug/l	0.100		110	55-142	10	25	QC-2
4,4´-DDE	0.102	0.010	ug/l	0.100		102	49-129	8	25	QC-2
4,4´-DDT	0.116	0.010	ug/l	0.100		116	54-160	7	25	QC-2
Aldrin	0.0854	0.010	ug/l	0.100		85	29-115	1	25	QC-2
alpha-BHC	0.0955	0.010	ug/l	0.100		96	59-131	11	25	QC-2
beta-BHC	0.106	0.010	ug/l	0.100		106	63-136	8	25	QC-2
delta-BHC	0.113	0.010	ug/l	0.100		113	59-137	7	25	QC-2
Dieldrin	0.108	0.010	ug/l	0.100		108	59-135	8	25	QC-2
Endosulfan I	0.105	0.010	ug/l	0.100		105	28-138	7	25	QC-2
Endosulfan II	0.104	0.010	ug/l	0.100		104	53-133	8	25	QC-2
Endosulfan sulfate	0.116	0.010	ug/l	0.100		116	58-155	1	25	QC-2
Endrin	0.111	0.010	ug/l	0.100		111	57-148	9	25	QC-2
Endrin aldehyde	0.0895	0.010	ug/l	0.100		89	45-139	16	25	QC-2
gamma-BHC (Lindane)	0.0947	0.010	ug/l	0.100		95	59-129	9	25	QC-2
Heptachlor	0.0953	0.010	ug/l	0.100		95	42-136	12	25	QC-2
Heptachlor epoxide	0.108	0.010	ug/l	0.100		108	59-134	8	25	QC-2
Methoxychlor	0.118	0.010	ug/l	0.100		118	56-167	8	25	QC-2
Surrogate(s)										
Decachlorobiphenyl		*0.129*	*ug/l*	*0.100*		*129*	*70-130*			*QC-2*
Tetrachloro-meta-xylene		*0.0976*	*ug/l*	*0.100*		*98*	*70-130*			*QC-2*

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Quality Control Results

(Continued)

Diquat and Paraquat by EPA 549.2

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1717 - EPA 549.2/SPE										
Blank (W8H1717-BLK1)				**Prepared: 08/29/18 Analyzed: 09/06/18**						
Diquat	ND	2.0	ug/l							
LCS (W8H1717-BS1)				**Prepared: 08/29/18 Analyzed: 09/06/18**						
Diquat	17.7	2.0	ug/l	20.0		89	70-130			
Matrix Spike (W8H1717-MS1)	**Source: 8H23090-01**			**Prepared: 08/29/18 Analyzed: 09/06/18**						
Diquat	2.85	2.0	ug/l	20.0	*ND*	14	46-122			MS-05
Matrix Spike Dup (W8H1717-MSD1)	**Source: 8H23090-01**			**Prepared: 08/29/18 Analyzed: 09/06/18**						
Diquat	0.412	2.0	ug/l	20.0	*ND*	2	46-122	150	30	MS-05

Endothall By EPA 548.1

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1517 - EPA 548.1/SPE										
Blank (W8H1517-BLK1)				**Prepared: 08/27/18 Analyzed: 08/30/18**						
Endothall	ND	40	ug/l							
LCS (W8H1517-BS1)				**Prepared: 08/27/18 Analyzed: 08/30/18**						
Endothall	90.4	40	ug/l	100		90	31-117			
Matrix Spike (W8H1517-MS1)	**Source: 8H23090-01**			**Prepared: 08/27/18 Analyzed: 08/30/18**						
Endothall	9.36	80	ug/l	200	*ND*	5	0.1-109			
Matrix Spike Dup (W8H1517-MSD1)	**Source: 8H23090-01**			**Prepared: 08/27/18 Analyzed: 08/30/18**						
Endothall	8.38	80	ug/l	200	*ND*	4	0.1-109	11	30	

Fumigants by EPA Method 504.1

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1645 - EPA 504.1/Micro Ext.										
Blank (W8H1645-BLK1)				**Prepared & Analyzed: 08/28/18**						
1,2-Dibromo-3-chloropropane	ND	0.010	ug/l							
1,2-Dibromoethane (EDB)	ND	0.020	ug/l							
LCS (W8H1645-BS1)				**Prepared & Analyzed: 08/28/18**						
1,2-Dibromo-3-chloropropane	0.105	0.010	ug/l	0.100		105	70-130			
1,2-Dibromoethane (EDB)	0.103	0.020	ug/l	0.100		103	70-130			
LCS (W8H1645-BS2)				**Prepared & Analyzed: 08/28/18**						
1,2-Dibromo-3-chloropropane	0.0807	0.010	ug/l	0.100		81	70-130			
1,2-Dibromoethane (EDB)	0.0803	0.020	ug/l	0.100		80	70-130			
LCS (W8H1645-BS3)				**Prepared & Analyzed: 08/28/18**						
1,2-Dibromo-3-chloropropane	0.0171	0.010	ug/l	0.0200		85	70-130			
1,2-Dibromoethane (EDB)	0.0190	0.020	ug/l	0.0200		95	70-130			
Matrix Spike (W8H1645-MS1)	**Source: 8H27108-01**			**Prepared & Analyzed: 08/28/18**						
1,2-Dibromo-3-chloropropane	0.142	0.010	ug/l	0.100	*0.0228*	119	65-135			
1,2-Dibromoethane (EDB)	0.0745	0.020	ug/l	0.100	*ND*	75	65-135			
Matrix Spike Dup (W8H1645-MSD1)	**Source: 8H27108-01**			**Prepared & Analyzed: 08/28/18**						
1,2-Dibromo-3-chloropropane	0.140	0.010	ug/l	0.100	*0.0228*	117	65-135	2	30	
1,2-Dibromoethane (EDB)	0.0971	0.020	ug/l	0.100	*ND*	97	65-135	26	30	

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Quality Control Results

(Continued)

Glyphosate by EPA 547

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8I0072 - Direct Injection										
Blank (W8I0072-BLK1)				**Prepared: 09/04/18**	**Analyzed: 09/05/18**					
Glyphosate	ND	5.0	ug/l							
LCS (W8I0072-BS1)				**Prepared: 09/04/18**	**Analyzed: 09/05/18**					
Glyphosate	21.3	5.0	ug/l	25.0		85	70-130			
Matrix Spike (W8I0072-MS1)	**Source: 8H23090-01**			**Prepared: 09/04/18**	**Analyzed: 09/05/18**					
Glyphosate	23.5	5.0	ug/l	25.0	*ND*	94	41-149			
Matrix Spike Dup (W8I0072-MSD1)	**Source: 8H23090-01**			**Prepared: 09/04/18**	**Analyzed: 09/05/18**					
Glyphosate	23.9	5.0	ug/l	25.0	*ND*	96	41-149	2	30	

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Quality Control Results

(Continued)

Haloacetic Acids (HAAs) by GC/ECD

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1508 - EPA 552.2/Micro Ext. Drtz										
Blank (W8H1508-BLK1)				**Prepared: 08/27/18**	**Analyzed: 08/28/18**					
Dibromoacetic acid (dbaa)	ND	1.0	ug/l							
Dichloroacetic acid (dcaa)	ND	1.0	ug/l							
HAA5, Total	ND	1.0	ug/l							
Monobromoacetic acid (mbaa)	ND	1.0	ug/l							
Monochloroacetic acid (mcaa)	ND	2.0	ug/l							
Trichloroacetic acid (tcaa)	ND	1.0	ug/l							
Surrogate(s)										
2,3-Dibromopropionic acid		*9.28*	*ug/l*	*10.0*		*93*	*70-130*			
LCS (W8H1508-BS1)				**Prepared: 08/27/18**	**Analyzed: 08/28/18**					
Dibromoacetic acid (dbaa)	9.47	1.0	ug/l	10.0		95	70-130			
Dichloroacetic acid (dcaa)	12.4	1.0	ug/l	10.0		124	70-130			
Monobromoacetic acid (mbaa)	10.5	1.0	ug/l	10.0		105	70-130			
Monochloroacetic acid (mcaa)	9.69	2.0	ug/l	10.0		97	70-130			
Trichloroacetic acid (tcaa)	9.97	1.0	ug/l	10.0		100	70-130			
Surrogate(s)										
2,3-Dibromopropionic acid		*10.2*	*ug/l*	*10.0*		*102*	*70-130*			
MRL Check (W8H1508-MRL1)				**Prepared: 08/27/18**	**Analyzed: 08/24/18**					
Dibromoacetic acid (dbaa)	8.93	1.0	ug/l	10.0		89	70-130			
Dichloroacetic acid (dcaa)	11.3	1.0	ug/l	10.0		113	70-130			
Monobromoacetic acid (mbaa)	9.94	1.0	ug/l	10.0		99	70-130			
Monochloroacetic acid (mcaa)	9.27	2.0	ug/l	10.0		93	70-130			
Trichloroacetic acid (tcaa)	11.3	1.0	ug/l	10.0		113	70-130			
Surrogate(s)										
2,3-Dibromopropionic acid		*9.69*	*ug/l*	*10.0*		*97*	*70-130*			
MRL Check (W8H1508-MRL2)				**Prepared: 08/27/18**	**Analyzed: 09/07/18**					
Dibromoacetic acid (dbaa)	ND	1.0	ug/l	10.0			70-130			
Dichloroacetic acid (dcaa)	ND	1.0	ug/l	10.0			70-130			
Monobromoacetic acid (mbaa)	ND	1.0	ug/l	10.0			70-130			
Monochloroacetic acid (mcaa)	ND	2.0	ug/l	10.0			70-130			
Trichloroacetic acid (tcaa)	ND	1.0	ug/l	10.0			70-130			
Surrogate(s)										
2,3-Dibromopropionic acid		*0.00*	*ug/l*	*10.0*			*70-130*			
MRL Check (W8H1508-MRL3)				**Prepared: 08/27/18**	**Analyzed: 09/07/18**					
Dibromoacetic acid (dbaa)	ND	1.0	ug/l	10.0			70-130			
Dichloroacetic acid (dcaa)	ND	1.0	ug/l	10.0			70-130			
Monobromoacetic acid (mbaa)	ND	1.0	ug/l	10.0			70-130			
Monochloroacetic acid (mcaa)	ND	2.0	ug/l	10.0			70-130			
Trichloroacetic acid (tcaa)	ND	1.0	ug/l	10.0			70-130			
Surrogate(s)										
2,3-Dibromopropionic acid		*0.00*	*ug/l*	*10.0*			*70-130*			
MRL Check (W8H1508-MRL4)				**Prepared: 08/27/18**	**Analyzed: 09/07/18**					
Dibromoacetic acid (dbaa)	ND	1.0	ug/l	10.0			70-130			
Dichloroacetic acid (dcaa)	ND	1.0	ug/l	10.0			70-130			
Monobromoacetic acid (mbaa)	ND	1.0	ug/l	10.0			70-130			

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Quality Control Results

(Continued)

Haloacetic Acids (HAAs) by GC/ECD (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1508 - EPA 552.2/Micro Ext. Drtz (Continued)										
MRL Check (W8H1508-MRL4)				**Prepared: 08/27/18**	**Analyzed: 09/07/18**					
Monochloroacetic acid (mcaa)	ND	2.0	ug/l	10.0			70-130			
Trichloroacetic acid (tcaa)	ND	1.0	ug/l	10.0			70-130			
Surrogate(s)										
2,3-Dibromopropionic acid	*0.00*		*ug/l*	*10.0*			*70-130*			
Matrix Spike (W8H1508-MS1)	**Source: 8H21104-01**			**Prepared: 08/27/18**	**Analyzed: 08/28/18**					
Dibromoacetic acid (dbaa)	11.8	1.0	ug/l	10.0	*2.27*	96	70-130			
Dichloroacetic acid (dcaa)	14.1	1.0	ug/l	10.0	*1.46*	127	70-130			
Monobromoacetic acid (mbaa)	9.93	1.0	ug/l	10.0	*ND*	99	70-130			
Monochloroacetic acid (mcaa)	10.6	2.0	ug/l	10.0	*ND*	106	70-130			
Trichloroacetic acid (tcaa)	10.8	1.0	ug/l	10.0	*0.920*	99	70-130			
Surrogate(s)										
2,3-Dibromopropionic acid	*10.8*		*ug/l*	*10.0*		*108*	*70-130*			
Matrix Spike (W8H1508-MS2)	**Source: 8H21104-02**			**Prepared: 08/27/18**	**Analyzed: 08/28/18**					
Dibromoacetic acid (dbaa)	11.9	1.0	ug/l	10.0	*2.68*	92	70-130			
Dichloroacetic acid (dcaa)	14.2	1.0	ug/l	10.0	*1.87*	124	70-130			
Monobromoacetic acid (mbaa)	9.75	1.0	ug/l	10.0	*ND*	98	70-130			
Monochloroacetic acid (mcaa)	10.4	2.0	ug/l	10.0	*ND*	104	70-130			
Trichloroacetic acid (tcaa)	11.2	1.0	ug/l	10.0	*1.02*	101	70-130			
Surrogate(s)										
2,3-Dibromopropionic acid	*10.1*		*ug/l*	*10.0*		*101*	*70-130*			
Matrix Spike Dup (W8H1508-MSD1)	**Source: 8H21104-01**			**Prepared: 08/27/18**	**Analyzed: 08/28/18**					
Dibromoacetic acid (dbaa)	11.6	1.0	ug/l	10.0	*2.27*	93	70-130	2	30	
Dichloroacetic acid (dcaa)	14.1	1.0	ug/l	10.0	*1.46*	126	70-130	0.5	30	
Monobromoacetic acid (mbaa)	9.88	1.0	ug/l	10.0	*ND*	99	70-130	0.5	30	
Monochloroacetic acid (mcaa)	10.5	2.0	ug/l	10.0	*ND*	105	70-130	1	30	
Trichloroacetic acid (tcaa)	11.0	1.0	ug/l	10.0	*0.920*	101	70-130	2	30	
Surrogate(s)										
2,3-Dibromopropionic acid	*10.1*		*ug/l*	*10.0*		*101*	*70-130*			
Matrix Spike Dup (W8H1508-MSD2)	**Source: 8H21104-02**			**Prepared: 08/27/18**	**Analyzed: 08/28/18**					
Dibromoacetic acid (dbaa)	12.9	1.0	ug/l	10.0	*2.68*	103	70-130	8	30	
Dichloroacetic acid (dcaa)	15.5	1.0	ug/l	10.0	*1.87*	136	70-130	8	30	MS-05
Monobromoacetic acid (mbaa)	10.7	1.0	ug/l	10.0	*ND*	107	70-130	9	30	
Monochloroacetic acid (mcaa)	11.1	2.0	ug/l	10.0	*ND*	111	70-130	7	30	
Trichloroacetic acid (tcaa)	12.1	1.0	ug/l	10.0	*1.02*	111	70-130	8	30	
Surrogate(s)										
2,3-Dibromopropionic acid	*11.5*		*ug/l*	*10.0*		*115*	*70-130*			

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Quality Control Results

(Continued)

Nitrosamines by isotopic dilution GC/MS CI Mode

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1396 - EPA 3535/SPE										
Blank (W8H1396-BLK1)				**Prepared: 08/23/18**	**Analyzed: 08/27/18**					
N-Nitrosodimethylamine	ND	2.0	ng/l							
LCS (W8H1396-BS1)				**Prepared: 08/23/18**	**Analyzed: 08/27/18**					
N-Nitrosodimethylamine	2.92	2.0	ng/l	3.00		97	50-150			
LCS Dup (W8H1396-BSD1)				**Prepared: 08/23/18**	**Analyzed: 08/27/18**					
N-Nitrosodimethylamine	2.90	2.0	ng/l	3.00		97	50-150	0.6	50	

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Quality Control Results

(Continued)

Semivolatile Organic Compounds by GC/MS

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1513 - EPA 525.2/SPE										
Blank (W8H1513-BLK1)				**Prepared: 08/27/18 Analyzed: 09/05/18**						
Alachlor	ND	0.10	ug/l							
Atrazine	ND	0.10	ug/l							
Benzo (a) pyrene	ND	0.10	ug/l							
Bis(2-ethylhexyl)adipate	ND	2.0	ug/l							
Bis(2-ethylhexyl)phthalate	ND	2.0	ug/l							
Bromacil	ND	0.50	ug/l							
Butachlor	ND	0.10	ug/l							
Captan	ND	1.0	ug/l							
Chlorpropham	ND	0.10	ug/l							
Cyanazine	ND	0.10	ug/l							
Diazinon	ND	0.10	ug/l							
Dimethoate	ND	0.20	ug/l							
Diphenamid	ND	0.10	ug/l							
Disulfoton	ND	0.10	ug/l							
EPTC	ND	0.10	ug/l							
Metolachlor	ND	0.10	ug/l							
Metribuzin	ND	0.10	ug/l							
Molinate	ND	0.10	ug/l							
Naphthalene	ND		ug/l							
Prometon	ND	0.10	ug/l							
Prometryn	ND	0.10	ug/l							
Propachlor	ND		ug/l							
Simazine	ND	0.10	ug/l							
Terbacil	ND	2.0	ug/l							
Thiobencarb	ND	0.10	ug/l							
Trithion	ND	0.10	ug/l							
Surrogate(s)										
1,3-Dimethyl-2-nitrobenzene		*5.03*	*ug/l*	*5.00*		*101*	*70-130*			
Perylene-d12		*3.89*	*ug/l*	*5.00*		*78*	*50-120*			
Triphenyl phosphate		*4.22*	*ug/l*	*5.00*		*84*	*70-130*			
LCS (W8H1513-BS1)				**Prepared: 08/27/18 Analyzed: 09/05/18**						
Alachlor	5.62	0.10	ug/l	5.00		112	70-130			
Atrazine	5.73	0.10	ug/l	5.00		115	70-130			
Benzo (a) pyrene	4.47	0.10	ug/l	5.00		89	60-130			
Bis(2-ethylhexyl)adipate	5.39	2.0	ug/l	5.00		108	70-130			
Bis(2-ethylhexyl)phthalate	5.54	2.0	ug/l	5.00		111	70-130			
Bromacil	5.01	0.50	ug/l	5.00		100	70-130			
Butachlor	5.19	0.10	ug/l	5.00		104	70-130			
Captan	4.07	1.0	ug/l	5.00		81	70-130			
Chlorpropham	5.58	0.10	ug/l	5.00		112	70-130			
Cyanazine	5.73	0.10	ug/l	5.00		115	70-130			
Diazinon	4.40	0.10	ug/l	5.00		88	50-120			
Dimethoate	3.73	0.20	ug/l	5.00		75	50-120			

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Quality Control Results

(Continued)

Semivolatile Organic Compounds by GC/MS (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1513 - EPA 525.2/SPE (Continued)										
LCS (W8H1513-BS1)				**Prepared: 08/27/18 Analyzed: 09/05/18**						
Diphenamid	5.66	0.10	ug/l	5.00		113	70-130			
Disulfoton	4.31	0.10	ug/l	5.00		86	50-120			
EPTC	5.20	0.10	ug/l	5.00		104	70-130			
Metolachlor	5.43	0.10	ug/l	5.00		109	60-130			
Metribuzin	5.18	0.10	ug/l	5.00		104	50-120			
Molinate	5.14	0.10	ug/l	5.00		103	70-130			
Naphthalene	4.51		ug/l	5.00		90	70-130			
Prometon	2.04	0.10	ug/l	5.00		41	15-120			
Prometryn	4.39	0.10	ug/l	5.00		88	30-120			
Simazine	4.74	0.10	ug/l	5.00		95	60-130			
Terbacil	5.25	2.0	ug/l	5.00		105	70-130			
Thiobencarb	5.15	0.10	ug/l	5.00		103	70-130			
Trithion	5.34	0.10	ug/l	5.00		107	70-130			
Surrogate(s)										
1,3-Dimethyl-2-nitrobenzene	*4.75*		*ug/l*	*5.00*		*95*	*70-130*			
Perylene-d12	*4.74*		*ug/l*	*5.00*		*95*	*50-120*			
Triphenyl phosphate	*5.44*		*ug/l*	*5.00*		*109*	*70-130*			
LCS Dup (W8H1513-BSD1)				**Prepared: 08/27/18 Analyzed: 09/05/18**						
Alachlor	5.74	0.10	ug/l	5.00		115	70-130	2	30	
Atrazine	5.61	0.10	ug/l	5.00		112	70-130	2	30	
Benzo (a) pyrene	4.49	0.10	ug/l	5.00		90	60-130	0.3	30	
Bis(2-ethylhexyl)adipate	5.40	2.0	ug/l	5.00		108	70-130	0.3	30	
Bis(2-ethylhexyl)phthalate	5.63	2.0	ug/l	5.00		113	70-130	2	30	
Bromacil	5.20	0.50	ug/l	5.00		104	70-130	4	30	
Butachlor	5.35	0.10	ug/l	5.00		107	70-130	3	30	
Captan	4.08	1.0	ug/l	5.00		82	70-130	0.4	30	
Chlorpropham	5.74	0.10	ug/l	5.00		115	70-130	3	30	
Cyanazine	6.06	0.10	ug/l	5.00		121	70-130	6	30	
Diazinon	4.15	0.10	ug/l	5.00		83	50-120	6	30	
Dimethoate	4.17	0.20	ug/l	5.00		83	50-120	11	30	
Diphenamid	5.62	0.10	ug/l	5.00		112	70-130	0.7	30	
Disulfoton	4.34	0.10	ug/l	5.00		87	50-120	0.5	30	
EPTC	5.44	0.10	ug/l	5.00		109	70-130	4	30	
Metolachlor	5.47	0.10	ug/l	5.00		109	60-130	0.8	30	
Metribuzin	5.65	0.10	ug/l	5.00		113	50-120	9	30	
Molinate	5.26	0.10	ug/l	5.00		105	70-130	2	30	
Naphthalene	4.92		ug/l	5.00		98	70-130	9	30	
Prometon	1.90	0.10	ug/l	5.00		38	15-120	7	30	
Prometryn	4.58	0.10	ug/l	5.00		92	30-120	4	30	
Simazine	4.78	0.10	ug/l	5.00		96	60-130	0.8	30	
Terbacil	5.97	2.0	ug/l	5.00		119	70-130	13	30	
Thiobencarb	5.32	0.10	ug/l	5.00		106	70-130	3	30	
Trithion	5.26	0.10	ug/l	5.00		105	70-130	2	30	

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Quality Control Results

(Continued)

Semivolatile Organic Compounds by GC/MS (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1513 - EPA 525.2/SPE (Continued)										
LCS Dup (W8H1513-BSD1)				**Prepared: 08/27/18**	**Analyzed: 09/05/18**					
Surrogate(s)										
1,3-Dimethyl-2-nitrobenzene		*5.18*	*ug/l*	*5.00*		*104*	*70-130*			
Perylene-d12		*4.82*	*ug/l*	*5.00*		*96*	*50-120*			
Triphenyl phosphate		*5.39*	*ug/l*	*5.00*		*108*	*70-130*			

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Notes and Definitions

Item	Definition
B	Blank contamination. The analyte was found in the associated blank as well as in the sample.
M-05	Due to the nature of matrix interferences, sample was diluted prior to analysis. The MDL and MRL were raised due to the dilution.
MS-05	The spike recovery and/or RPD were outside acceptance limits for the MS and/or MSD due to possible matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
Q-08	High bias in the QC sample does not affect sample result since analyte was not detected or below the reporting limit.
QC-2	This QC sample was reanalyzed to complement samples that require re-analysis on different date. See analysis date.
R-01	The Reporting Limit for this analyte has been raised to account for matrix interference.
S-GC	Surrogate recovery outside of control limits due to a possible matrix effect . The data was accepted based on valid recovery of the remaining surrogate.
ND	NOT DETECTED at or above the Method Reporting Limit (MRL). If Method Detection Limit (MDL) is reported, then ND means not detected at or above the MDL.
Dil	Dilution
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
% Rec	Percent Recovery
Source	Sample that was matrix spiked or duplicated.
MDL	Method Detection Limit
MRL	The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence. The MRL is also known as Limit of Quantitation (LOQ) and Detection Limit for Reporting (DLR)
MDA	Minimum Detectable Activity
NR	Not Reportable
TIC	Tentatively Identified Compound (TIC) using mass spectrometry. The reported concentration is relative concentration based on the nearest internal standard. If the library search produces no matches at, or above 85%, the compound is reported as unknown.

Any remaining sample(s) will be disposed of one month from the final report date unless other arrangements are made in advance.
An Absence of Total Coliform meets the drinking water standards as established by the California State Water Resources Control Board (SWRCB)
All results are expressed on wet weight basis unless otherwise specified.
All samples collected by Weck Laboratories have been sampled in accordance to laboratory SOP Number MIS 002.

Reviewed by:

DRAFT REPORT
DATA SUBJECT TO CHANGE

DoD-ELAP #L2457 • ELAP-CA #1132 • EPA-UCMR #CA00211 • Guam-EPA #17-008R • HW-DOH # • ISO 17025 #L2457.01 • LACSD #10143 • NELAP-CA #04229CA • NELAP-OR #4047 • NJ-DEP #CA015 • NV-DEP #NAC 445A • SCAQMD #93LA1006

This is a preliminary report and is produced for review and guidance purpose only and should not be considered final. Information in this report may be missing or may be changed. The information in this report applies to the samples analyzed in accordance with the chain-of-custody document. Weck Laboratories DOES NOT certify that the test results meet all requirements of TNI. Neither Weck Laboratories, Inc. nor any of its employees, contractors, subcontractors, or their employees make any warrant, expressed or implied, or assume any legal liability or responsibility for use of any information inscribed in this report.

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WECK LABORATORIES, INC.

Certificate of Analysis

FINAL REPORT

Work Orders: 8H27093

Project: 405783

Attn: Ranjit Clarke

Client: Enthalpy Analytical - Orange
931 West Barkley Avenue
Orange, CA 92868

Report Date: 9/14/2018

Received Date: 8/27/2018

Turnaround Time: Normal

Phones: (714) 771-6900

Fax: (714) 771-9933

P.O. #: 1024551

Billing Code:

DoD-ELAP #L2457 • ELAP-CA #1132 • EPA-UCMR #CA00211 • Guam-EPA #17-008R • HW-DOH # • ISO 17025 #L2457.01 • LACSD #10143 • NELAP-CA #04229CA • NELAP-OR #4047 • NJ-DEP #CA015 • NV-DEP #NAC 445A • SCAQMD #93LA1006

This is a complete final report. The information in this report applies to the samples analyzed in accordance with the chain-of-custody document. Weck Laboratories certifies that the test results meet all requirements of TNI unless noted by qualifiers or written in the Case Narrative. This analytical report must be reproduced in its entirety.

Dear Ranjit Clarke,

Enclosed are the results of analyses for samples received 8/27/18 with the Chain-of-Custody document. The samples were received in good condition, at 5.7 °C and on ice. All analyses met the method criteria except as noted in the case narrative or in the report with data qualifiers.

Reviewed by:

Regina Giancola
Project Manager

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Enthalpy Analytical - Orange
931 West Barkley Avenue
Orange, CA 92868

Project Number: 405783

Project Manager: Ranjit Clarke

Reported:
09/14/2018 17:39

Sample Summary

Sample Name	Sampled By	Lab ID	Matrix	Sampled	Qualifiers
LAMW-5S (405783-001)	Client	8H27093-01	Water	08/22/18 12:40	
SMBRP-12 (405783-002)	Client	8H27093-02	Water	08/22/18 10:30	
MCWP-MW09 (405783-003)	Client	8H27093-03	Water	08/22/18 11:30	

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Orange, CA 92868

Project Number: 405783

Project Manager: Ranjit Clarke

Reported:
09/14/2018 17:39

Sample Results

Sample: LAMW-5S (405783-001)
8H27093-01 (Water)

Sampled: 08/22/18 12:40 by Client

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Hexavalent Chromium by IC							
Method: EPA 218.6 **Batch ID:** W8I0071 **Instr:** LC13			**Prepared:** 09/04/18 15:25			**Analyst:** blg	
Chromium 6+	**0.44**	0.024	0.10	ug/l	5	09/05/18 12:00	
Metals by EPA 200 Series Methods							
Method: EPA 200.8 **Batch ID:** W8H1624 **Instr:** ICPMS04			**Prepared:** 08/28/18 09:31			**Analyst:** rrl	
Aluminum, Total	**2000**	1.3	5.0	ug/l	1	09/04/18 16:14	
Antimony, Total	**0.19**	0.045	0.50	ug/l	1	09/04/18 16:14	J
Barium, Total	**40**	0.071	0.50	ug/l	1	09/04/18 16:14	
Beryllium, Total	**0.062**	0.033	0.10	ug/l	1	09/04/18 16:14	J
Cadmium, Total	**0.14**	0.041	0.10	ug/l	1	09/04/18 16:14	
Chromium, Total	**9.0**	0.035	0.20	ug/l	1	09/04/18 16:14	
Copper, Total	**7.9**	0.13	0.50	ug/l	1	09/04/18 16:14	
Lead, Total	**1.1**	0.031	0.20	ug/l	1	09/04/18 16:14	
Nickel, Total	**15**	0.045	0.80	ug/l	1	09/04/18 16:14	
Silver, Total	**2.4**	0.062	0.20	ug/l	1	09/04/18 16:14	
Thallium, Total	**0.026**	0.014	0.20	ug/l	1	09/04/18 16:14	J
Method: EPA 245.1 **Batch ID:** W8H1727 **Instr:** HG03			**Prepared:** 08/29/18 09:51			**Analyst:** gza	
Mercury, Total	ND	0.017	0.050	ug/l	1	08/29/18 15:44	

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Project Number: 405783

Project Manager: Ranjit Clarke

Reported:
09/14/2018 17:39

Sample Results

(Continued)

Sample: SMBRP-12 (405783-002)
8H27093-02 (Water)

Sampled: 08/22/18 10:30 by Client

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Hexavalent Chromium by IC							
Method: EPA 218.6 **Batch ID:** W8I0071 **Instr:** LC13			**Prepared:** 09/04/18 15:25			**Analyst:** blg	
Chromium 6+	ND	0.024	0.10	ug/l	5	09/05/18 09:04	M-05
Metals by EPA 200 Series Methods							
Method: EPA 200.8 **Batch ID:** W8H1624 **Instr:** ICPMS04			**Prepared:** 08/28/18 09:31			**Analyst:** rrl	
Aluminum, Total	**200**	1.3	5.0	ug/l	1	09/04/18 16:18	
Antimony, Total	**0.13**	0.045	0.50	ug/l	1	09/04/18 16:18	J
Barium, Total	**50**	0.071	0.50	ug/l	1	09/04/18 16:18	
Beryllium, Total	ND	0.033	0.10	ug/l	1	09/04/18 16:18	
Cadmium, Total	**0.88**	0.041	0.10	ug/l	1	09/04/18 16:18	
Chromium, Total	**1.1**	0.035	0.20	ug/l	1	09/04/18 16:18	
Copper, Total	**0.97**	0.13	0.50	ug/l	1	09/04/18 16:18	
Lead, Total	**0.19**	0.031	0.20	ug/l	1	09/04/18 16:18	J
Nickel, Total	**14**	0.045	0.80	ug/l	1	09/04/18 16:18	
Silver, Total	ND	0.062	0.20	ug/l	1	09/04/18 16:18	
Thallium, Total	**0.036**	0.014	0.20	ug/l	1	09/04/18 16:18	J
Method: EPA 245.1 **Batch ID:** W8H1727 **Instr:** HG03			**Prepared:** 08/29/18 09:51			**Analyst:** gza	
Mercury, Total	ND	0.017	0.050	ug/l	1	08/29/18 15:46	

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Project Number: 405783

Project Manager: Ranjit Clarke

Reported:
09/14/2018 17:39

Sample Results

(Continued)

Sample: MCWP-MW09 (405783-003)
8H27093-03 (Water)

Sampled: 08/22/18 11:30 by Client

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Hexavalent Chromium by IC							
Method: EPA 218.6 **Batch ID:** W8I0071 **Instr:** LC13			**Prepared:** 09/04/18 15:25			**Analyst:** blg	
Chromium 6+	ND	0.024	0.10	ug/l	5	09/05/18 11:16	M-05
Metals by EPA 200 Series Methods							
Method: EPA 200.8 **Batch ID:** W8H1624 **Instr:** ICPMS04			**Prepared:** 08/28/18 09:31			**Analyst:** rrl	
Aluminum, Total	**250**	1.3	5.0	ug/l	1	09/04/18 16:22	
Antimony, Total	**0.076**	0.045	0.50	ug/l	1	09/04/18 16:22	J
Barium, Total	**20**	0.071	0.50	ug/l	1	09/04/18 16:22	
Beryllium, Total	ND	0.033	0.10	ug/l	1	09/04/18 16:22	
Cadmium, Total	**0.050**	0.041	0.10	ug/l	1	09/04/18 16:22	J
Chromium, Total	**1.8**	0.035	0.20	ug/l	1	09/04/18 16:22	
Copper, Total	**0.84**	0.13	0.50	ug/l	1	09/04/18 16:22	
Lead, Total	**0.11**	0.031	0.20	ug/l	1	09/04/18 16:22	J
Nickel, Total	**3.8**	0.045	0.80	ug/l	1	09/04/18 16:22	
Silver, Total	**0.26**	0.062	0.20	ug/l	1	09/04/18 16:22	
Thallium, Total	ND	0.014	0.20	ug/l	1	09/04/18 16:22	
Method: EPA 245.1 **Batch ID:** W8H1727 **Instr:** HG03			**Prepared:** 08/29/18 09:51			**Analyst:** gza	
Mercury, Total	ND	0.017	0.050	ug/l	1	08/29/18 15:48	

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Project Number: 405783

Project Manager: Ranjit Clarke

Reported:
09/14/2018 17:39

Quality Control Results

Hexavalent Chromium by IC

Analyte	Result	MDL	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8I0071 - EPA 218.6											
Blank (W8I0071-BLK1)					**Prepared: 09/04/18**	**Analyzed: 09/05/18**					
Chromium 6+	ND	0.0048	0.020	ug/l							
LCS (W8I0071-BS1)					**Prepared: 09/04/18**	**Analyzed: 09/05/18**					
Chromium 6+	5.10	0.0048	0.020	ug/l	5.00		102	90-110			
Calibration Check (W8I0071-CCV1)					**Prepared: 09/04/18**	**Analyzed: 09/05/18**					
Chromium 6+	0.0222	0.0048	0.020	ug/l	0.0200		111	80-120			
Calibration Check (W8I0071-CCV2)					**Prepared: 09/04/18**	**Analyzed: 09/05/18**					
Chromium 6+	5.13	0.0048	0.020	ug/l	5.00		103	95-105			
Calibration Check (W8I0071-CCV3)					**Prepared: 09/04/18**	**Analyzed: 09/05/18**					
Chromium 6+	10.2	0.0048	0.020	ug/l	10.0		102	95-105			
Matrix Spike (W8I0071-MS1)	**Source: 8H22092-06**				**Prepared: 09/04/18**	**Analyzed: 09/05/18**					
Chromium 6+	7.74	0.0048	0.020	ug/l	5.00	2.64	102	88-112			
Matrix Spike (W8I0071-MS2)	**Source: 8H22092-07**				**Prepared: 09/04/18**	**Analyzed: 09/05/18**					
Chromium 6+	8.06	0.0048	0.020	ug/l	5.00	2.92	103	88-112			
Matrix Spike Dup (W8I0071-MSD1)	**Source: 8H22092-06**				**Prepared: 09/04/18**	**Analyzed: 09/05/18**					
Chromium 6+	7.66	0.0048	0.020	ug/l	5.00	2.64	100	88-112	1	10	
Matrix Spike Dup (W8I0071-MSD2)	**Source: 8H22092-07**				**Prepared: 09/04/18**	**Analyzed: 09/05/18**					
Chromium 6+	7.95	0.0048	0.020	ug/l	5.00	2.92	101	88-112	1	10	

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Project Number: 405783

Project Manager: Ranjit Clarke

Reported:
09/14/2018 17:39

Quality Control Results

(Continued)

Metals by EPA 200 Series Methods

Analyte	Result	MDL	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1624 - EPA 200.8											
Blank (W8H1624-BLK1)					**Prepared: 08/28/18 Analyzed: 09/04/18**						
Aluminum, Total	ND	1.3	5.0	ug/l							
Antimony, Total	0.0493	0.045	0.50	ug/l							B-07, J
Barium, Total	ND	0.071	0.50	ug/l							
Beryllium, Total	ND	0.033	0.10	ug/l							
Cadmium, Total	ND	0.041	0.10	ug/l							
Chromium, Total	ND	0.035	0.20	ug/l							
Copper, Total	ND	0.13	0.50	ug/l							
Lead, Total	ND	0.031	0.20	ug/l							
Nickel, Total	ND	0.045	0.80	ug/l							
Silver, Total	ND	0.062	0.20	ug/l							
Thallium, Total	ND	0.014	0.20	ug/l							
LCS (W8H1624-BS1)					**Prepared: 08/28/18 Analyzed: 09/04/18**						
Aluminum, Total	51.7	1.3	5.0	ug/l	50.0		103	85-115			
Antimony, Total	49.0	0.045	0.50	ug/l	50.0		98	85-115			
Barium, Total	50.1	0.071	0.50	ug/l	50.0		100	85-115			
Beryllium, Total	50.1	0.033	0.10	ug/l	50.0		100	85-115			
Cadmium, Total	49.7	0.041	0.10	ug/l	50.0		99	85-115			
Chromium, Total	49.9	0.035	0.20	ug/l	50.0		100	85-115			
Copper, Total	50.8	0.13	0.50	ug/l	50.0		102	85-115			
Lead, Total	50.6	0.031	0.20	ug/l	50.0		101	85-115			
Nickel, Total	51.0	0.045	0.80	ug/l	50.0		102	85-115			
Silver, Total	50.0	0.062	0.20	ug/l	50.0		100	85-115			
Thallium, Total	50.8	0.014	0.20	ug/l	50.0		102	85-115			
Matrix Spike (W8H1624-MS1)	**Source: 8H27092-01**				**Prepared: 08/28/18 Analyzed: 09/04/18**						
Aluminum, Total	7690	1.3	5.0	ug/l	50.0	7240	915	70-130			MS-02
Antimony, Total	32.2	0.045	0.50	ug/l	50.0	0.290	64	70-130			MS-01
Barium, Total	144	0.071	0.50	ug/l	50.0	91.4	106	70-130			
Beryllium, Total	50.7	0.033	0.10	ug/l	50.0	0.344	101	70-130			
Cadmium, Total	48.1	0.041	0.10	ug/l	50.0	0.613	95	70-130			
Chromium, Total	71.5	0.035	0.20	ug/l	50.0	21.8	99	70-130			
Copper, Total	56.3	0.13	0.50	ug/l	50.0	11.7	89	70-130			
Lead, Total	51.4	0.031	0.20	ug/l	50.0	3.11	97	70-130			
Nickel, Total	77.4	0.045	0.80	ug/l	50.0	32.5	90	70-130			
Silver, Total	45.5	0.062	0.20	ug/l	50.0	ND	91	70-130			
Thallium, Total	49.5	0.014	0.20	ug/l	50.0	0.0863	99	70-130			
Matrix Spike Dup (W8H1624-MSD1)	**Source: 8H27092-01**				**Prepared: 08/28/18 Analyzed: 09/04/18**						
Aluminum, Total	7970	1.3	5.0	ug/l	50.0	7240	NR	70-130	3	30	MS-02
Antimony, Total	33.4	0.045	0.50	ug/l	50.0	0.290	66	70-130	4	30	MS-01
Barium, Total	147	0.071	0.50	ug/l	50.0	91.4	111	70-130	2	30	

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Enthalpy Analytical - Orange
931 West Barkley Avenue
Orange, CA 92868

Project Number: 405783

Project Manager: Ranjit Clarke

Reported:
09/14/2018 17:39

Quality Control Results

(Continued)

Metals by EPA 200 Series Methods (Continued)

Analyte	Result	MDL	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1624 - EPA 200.8 (Continued)											
Matrix Spike Dup (W8H1624-MSD1)	**Source: 8H27092-01**				**Prepared: 08/28/18**	**Analyzed: 09/04/18**					
Beryllium, Total	50.8	0.033	0.10	ug/l	50.0	0.344	101	70-130	0.2	30	
Cadmium, Total	48.7	0.041	0.10	ug/l	50.0	0.613	96	70-130	1	30	
Chromium, Total	72.3	0.035	0.20	ug/l	50.0	21.8	101	70-130	1	30	
Copper, Total	62.5	0.13	0.50	ug/l	50.0	11.7	101	70-130	10	30	
Lead, Total	52.0	0.031	0.20	ug/l	50.0	3.11	98	70-130	1	30	
Nickel, Total	78.2	0.045	0.80	ug/l	50.0	32.5	92	70-130	1	30	
Silver, Total	45.2	0.062	0.20	ug/l	50.0	ND	90	70-130	0.8	30	
Thallium, Total	50.0	0.014	0.20	ug/l	50.0	0.0863	100	70-130	1	30	
Batch: W8H1727 - EPA 245.1											
Blank (W8H1727-BLK1)					**Prepared & Analyzed: 08/29/18**						
Mercury, Total	ND	0.017	0.050	ug/l							
LCS (W8H1727-BS1)					**Prepared & Analyzed: 08/29/18**						
Mercury, Total	0.999	0.017	0.050	ug/l	1.00		100	85-115			
Matrix Spike (W8H1727-MS1)	**Source: 8H27094-01**				**Prepared & Analyzed: 08/29/18**						
Mercury, Total	0.958	0.017	0.050	ug/l	1.00	ND	96	70-130			
Matrix Spike (W8H1727-MS2)	**Source: 8H27094-02**				**Prepared & Analyzed: 08/29/18**						
Mercury, Total	0.960	0.017	0.050	ug/l	1.00	ND	96	70-130			
Matrix Spike Dup (W8H1727-MSD1)	**Source: 8H27094-01**				**Prepared & Analyzed: 08/29/18**						
Mercury, Total	0.953	0.017	0.050	ug/l	1.00	ND	95	70-130	0.5	20	
Matrix Spike Dup (W8H1727-MSD2)	**Source: 8H27094-02**				**Prepared & Analyzed: 08/29/18**						
Mercury, Total	1.03	0.017	0.050	ug/l	1.00	ND	103	70-130	7	20	

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Enthalpy Analytical - Orange
931 West Barkley Avenue
Orange, CA 92868

Project Number: 405783

Project Manager: Ranjit Clarke

Reported:
09/14/2018 17:39

Notes and Definitions

Item	Definition
B-07	This analyte was found in the method blank at levels above the MDL but below the reporting limit.
J	Estimated conc. detected <MRL and >MDL.
M-05	Due to the nature of matrix interferences, sample was diluted prior to analysis. The MDL and MRL were raised due to the dilution.
MS-01	The spike recovery for this QC sample is outside of established control limits possibly due to sample matrix interference.
MS-02	The RPD and/or percent recovery for this QC spike sample cannot be accurately calculated due to the high concentration of analyte inherent in the sample.
ND	NOT DETECTED at or above the Method Reporting Limit (MRL). If Method Detection Limit (MDL) is reported, then ND means not detected at or above the MDL.
Dil	Dilution
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
% Rec	Percent Recovery
Source	Sample that was matrix spiked or duplicated.
MDL	Method Detection Limit
MRL	The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence. The MRL is also known as Limit of Quantitation (LOQ) and Detection Limit for Reporting (DLR)
MDA	Minimum Detectable Activity
NR	Not Reportable
TIC	Tentatively Identified Compound (TIC) using mass spectrometry. The reported concentration is relative concentration based on the nearest internal standard. If the library search produces no matches at, or above 85%, the compound is reported as unknown.

Any remaining sample(s) will be disposed of one month from the final report date unless other arrangements are made in advance.
An Absence of Total Coliform meets the drinking water standards as established by the California State Water Resources Control Board (SWRCB)
All results are expressed on wet weight basis unless otherwise specified.
All samples collected by Weck Laboratories have been sampled in accordance to laboratory SOP Number MIS 002.

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Greensburg, PA 15601
(724)850-5600

September 17, 2018

Ranjit Clarke
Enthalpy Analytical
806 N. Batavia St.
Orange, CA 92868

RE: Project: 405783
Pace Project No.: 30263300

Dear Ranjit Clarke:
Enclosed are the analytical results for sample(s) received by the laboratory on August 24, 2018. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Jacquelyn Collins
jacquelyn.collins@pacelabs.com
(724)850-5612
Project Manager

Enclosures

cc: Hongling Cao, Enthalpy Analytical
Ms. Cam Pham, Enthalpy Analytical
Incoming Reports, Enthalpy Analytical

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CERTIFICATIONS

Project: 405783
Pace Project No.: 30263300

Pennsylvania Certification IDs

1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANAB DOD-ELAP Rad Accreditation #: L2417
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 04222CA
Colorado Certification #: PA01547
Connecticut Certification #: PH-0694
Delaware Certification
EPA Region 4 DW Rad
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas/TNI Certification #: E-10358
Kentucky Certification #: KY90133
KY WW Permit #: KY0098221
KY WW Permit #: KY0000221
Louisiana DHH/TNI Certification #: LA180012
Louisiana DEQ/TNI Certification #: 4086
Maine Certification #: 2017020
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification #: 9991
Missouri Certification #: 235
Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572018-1
New Hampshire/TNI Certification #: 297617
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Ohio EPA Rad Approval: #41249
Oregon/TNI Certification #: PA200002-010
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: 02867
Texas/TNI Certification #: T104704188-17-3
Utah/TNI Certification #: PA014572017-9
USDA Soil Permit #: P330-17-00091
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 9526
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Approve List for Rad
Wyoming Certification #: 8TMS-L

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SAMPLE SUMMARY

Project: 405783
Pace Project No.: 30263300

Lab ID	Sample ID	Matrix	Date Collected	Date Received
30263300001	**405783-001**	Water	08/22/18 12:40	08/24/18 10:00
30263300002	**405783-002**	Water	08/22/18 10:30	08/24/18 10:00
30263300003	**405783-003**	Water	08/22/18 11:30	08/24/18 10:00

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SAMPLE ANALYTE COUNT

Project: 405783
Pace Project No.: 30263300

Lab ID	Sample ID	Method	Analysts	Analytes Reported
30263300001	**405783-001**	EPA 900.0	NJV	2
		EPA 903.1	MK1	1
		EPA 904.0	JLW	1
		ASTM D5811-95	LAL	1
		EPA 906.0	NJV	1
		ASTM D5174-97	RMK	1
30263300002	**405783-002**	EPA 900.0	NJV	2
		EPA 903.1	MK1	1
		EPA 904.0	JLW	1
		ASTM D5811-95	LAL	1
		EPA 906.0	NJV	1
		ASTM D5174-97	RMK	1
30263300003	**405783-003**	EPA 900.0	NEG	2
		EPA 903.1	MK1	1
		EPA 904.0	JLW	1
		ASTM D5811-95	LAL	1
		EPA 906.0	NJV	1
		ASTM D5174-97	RMK	1

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: 405783
Pace Project No.: 30263300

Sample: 405783-001 **Lab ID: 30263300001** Collected: 08/22/18 12:40 Received: 08/24/18 10:00 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
Gross Alpha	EPA 900.0	**2.10 ± 1.44 (2.38) C:NA T:NA**	pCi/L	09/06/18 18:33	12587-46-1	
Gross Beta	EPA 900.0	**2.01 ± 1.24 (2.14) C:NA T:NA**	pCi/L	09/06/18 18:33	12587-47-2	
Radium-226	EPA 903.1	**0.260 ± 0.313 (0.478) C:NA T:83%**	pCi/L	09/06/18 21:42	13982-63-3	
Radium-228	EPA 904.0	**0.278 ± 0.416 (0.898) C:71% T:75%**	pCi/L	09/05/18 15:31	15262-20-1	
Strontium-90	ASTM D5811-95	**0.255 ± 0.369 (0.677) C:91% T:NA**	pCi/L	09/04/18 18:11	10098-97-2	N2
Tritium	EPA 906.0	**0.000 ± 137 (244) C:NA T:NA**	pCi/L	09/08/18 12:19	10028-17-8	
Total Uranium	ASTM D5174-97	**0.331 ± 0.012 (0.262) C:NA T:NA**	ug/L	09/17/18 19:10	7440-61-1	

Sample: 405783-002 **Lab ID: 30263300002** Collected: 08/22/18 10:30 Received: 08/24/18 10:00 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
Gross Alpha	EPA 900.0	**8.14 ± 5.99 (10.2) C:NA T:NA**	pCi/L	09/06/18 18:34	12587-46-1	
Gross Beta	EPA 900.0	**23.7 ± 6.11 (6.50) C:NA T:NA**	pCi/L	09/06/18 18:34	12587-47-2	
Radium-226	EPA 903.1	**0.278 ± 0.329 (0.516) C:NA T:91%**	pCi/L	09/06/18 21:42	13982-63-3	
Radium-228	EPA 904.0	**0.742 ± 0.555 (1.11) C:69% T:79%**	pCi/L	09/05/18 15:31	15262-20-1	
Strontium-90	ASTM D5811-95	**-0.429 ± 0.308 (0.620) C:92% T:NA**	pCi/L	09/04/18 18:11	10098-97-2	N2
Tritium	EPA 906.0	**0.000 ± 137 (243) C:NA T:NA**	pCi/L	09/08/18 13:21	10028-17-8	
Total Uranium	ASTM D5174-97	**0.903 ± 0.030 (0.262) C:NA T:NA**	ug/L	09/17/18 19:12	7440-61-1	

Sample: 405783-003 **Lab ID: 30263300003** Collected: 08/22/18 11:30 Received: 08/24/18 10:00 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
Gross Alpha	EPA 900.0	**1.15 ± 8.00 (15.4) C:NA T:NA**	pCi/L	09/11/18 19:10	12587-46-1	
Gross Beta	EPA 900.0	**6.65 ± 5.16 (9.02) C:NA T:NA**	pCi/L	09/11/18 19:10	12587-47-2	
Radium-226	EPA 903.1	**0.593 ± 0.464 (0.545) C:NA T:70%**	pCi/L	09/06/18 21:42	13982-63-3	
Radium-228	EPA 904.0	**0.226 ± 0.414 (0.907) C:69% T:82%**	pCi/L	09/05/18 15:31	15262-20-1	
Strontium-90	ASTM D5811-95	**-0.136 ± 0.281 (0.548) C:102% T:NA**	pCi/L	09/04/18 18:11	10098-97-2	N2
Tritium	EPA 906.0	**0.000 ± 137 (243) C:NA T:NA**	pCi/L	09/08/18 14:22	10028-17-8	
Total Uranium	ASTM D5174-97	**4.38 ± 0.096 (0.262) C:NA T:NA**	ug/L	09/06/18 15:33	7440-61-1	

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QUALITY CONTROL - RADIOCHEMISTRY

Project: 405783
Pace Project No.: 30263300

QC Batch: 311289 Analysis Method: ASTM D5811-95
QC Batch Method: ASTM D5811-95 Analysis Description: ASTM D5811 Sr 89/90 Eichrom
Associated Lab Samples: 30263300001, 30263300002, 30263300003

METHOD BLANK: 1520263 Matrix: Water
Associated Lab Samples: 30263300001, 30263300002, 30263300003

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Strontium-90	0.0440 ± 0.170 (0.321) C:100% T:NA	pCi/L	09/04/18 18:04	N2

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QUALITY CONTROL - RADIOCHEMISTRY

Project: 405783
Pace Project No.: 30263300

QC Batch: 311629 Analysis Method: EPA 900.0
QC Batch Method: EPA 900.0 Analysis Description: 900.0 Gross Alpha/Beta
Associated Lab Samples: 30263300003

METHOD BLANK: 1521863 Matrix: Water
Associated Lab Samples: 30263300003

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Gross Alpha	0.429 ± 0.491 (0.940) C:NA T:NA	pCi/L	09/11/18 19:09	
Gross Beta	0.022 ± 0.779 (1.69) C:NA T:NA	pCi/L	09/11/18 19:09	

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QUALITY CONTROL - RADIOCHEMISTRY

Project: 405783
Pace Project No.: 30263300

QC Batch: 311178 Analysis Method: EPA 904.0
QC Batch Method: EPA 904.0 Analysis Description: 904.0 Radium 228
Associated Lab Samples: 30263300001, 30263300002, 30263300003

METHOD BLANK: 1519805 Matrix: Water
Associated Lab Samples: 30263300001, 30263300002, 30263300003

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.494 ± 0.429 (0.865) C:71% T:75%	pCi/L	09/05/18 15:30	

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QUALITY CONTROL - RADIOCHEMISTRY

Project: 405783
Pace Project No.: 30263300

QC Batch: 311434 Analysis Method: ASTM D5174-97
QC Batch Method: ASTM D5174-97 Analysis Description: D5174.97 Total Uranium KPA
Associated Lab Samples: 30263300001, 30263300002, 30263300003

METHOD BLANK: 1520915 Matrix: Water
Associated Lab Samples: 30263300001, 30263300002, 30263300003

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Total Uranium	0.155 ± 0.006 (0.262) C:NA T:NA	ug/L	09/06/18 14:53	

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QUALITY CONTROL - RADIOCHEMISTRY

Project: 405783
Pace Project No.: 30263300

QC Batch: 311628 Analysis Method: EPA 900.0
QC Batch Method: EPA 900.0 Analysis Description: 900.0 Gross Alpha/Beta
Associated Lab Samples: 30263300001, 30263300002

METHOD BLANK: 1521862 Matrix: Water
Associated Lab Samples: 30263300001, 30263300002

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Gross Alpha	0.174 ± 0.383 (0.760) C:NA T:NA	pCi/L	09/06/18 18:34	
Gross Beta	0.349 ± 0.535 (1.03) C:NA T:NA	pCi/L	09/06/18 18:34	

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QUALITY CONTROL - RADIOCHEMISTRY

Project: 405783
Pace Project No.: 30263300

QC Batch: 311136 Analysis Method: EPA 903.1
QC Batch Method: EPA 903.1 Analysis Description: 903.1 Radium-226
Associated Lab Samples: 30263300001, 30263300002, 30263300003

METHOD BLANK: 1519686 Matrix: Water
Associated Lab Samples: 30263300001, 30263300002, 30263300003

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.362 ± 0.337 (0.444) C:NA T:88%	pCi/L	09/06/18 21:00	

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QUALITY CONTROL - RADIOCHEMISTRY

Project: 405783
Pace Project No.: 30263300

QC Batch: 311887 Analysis Method: EPA 906.0
QC Batch Method: EPA 906.0 Analysis Description: 906.0 Tritium
Associated Lab Samples: 30263300001, 30263300002, 30263300003

METHOD BLANK: 1523088 Matrix: Water
Associated Lab Samples: 30263300001, 30263300002, 30263300003

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Tritium	-43.6 ± 134 (242) C:NA T:NA	pCi/L	09/08/18 08:14	

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QUALIFIERS

Project: 405783
Pace Project No.: 30263300

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Act - Activity

Unc - Uncertainty: For Safe Drinking Water Act (SDWA) analyses, the reported Unc. Is the calculated Count Uncertainty (95% confidence interval) using a coverage factor of 1.96. For all other matrices (non-SDWA), the reported Unc. is the calculated Expanded Uncertainty (aka Combined Standard Uncertainty, CSU), reported at the 95% confidence interval using a coverage factor of 1.96.

Gamma Spec: The Unc. reported for all gamma-spectroscopy analyses (EPA 901.1), is the calculated Expanded Uncertainty (CSU) at the 95.4% confidence interval, using a coverage factor of 2.0.

(MDC) - Minimum Detectable Concentration

Trac - Tracer Recovery (%)

Carr - Carrier Recovery (%)

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

N2	The lab does not hold NELAC/TNI accreditation for this parameter.

REPORT OF LABORATORY ANALYSIS

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without the written consent of Pace Analytical Services, LLC.

Enthalpy Analytical
Formerly Associated Labs
1 Park Plaza, Suite 1000
Irvine, CA 92614
Tel: 714.771.6900 Fax: 714.538.1209
info-sc@enthalpy.com

MONTROSE

Subcontract Laboratory:

Pace PA - Sub
1638 Roseytown Rd., Suite
Greensburg, PA 15601
724-850-5600
ATTN: Jacquelyn Collins
PO# 1024474

Project: 405783 **Due:**
PM: Ranjit Clarke
Email: ranjit.clarke@enthalpy.com
CC: incomingreports@enthalpy.com
Require: ☑ EDD ☐ EDF ☐ EDT
Report To: ☑ MDL

Note:

Matrix	Sampled	Sample ID	Analysis	Comment
Water	08/22/18 12:40	LAMW-5S (405783-001)	900.0 Gross Alpha and Beta	001
Water	08/22/18 12:40	LAMW-5S (405783-001)	903.1 Radiuum-226	
Water	08/22/18 12:40	LAMW-5S (405783-001)	904.0 Radium-228	
Water	08/22/18 12:40	LAMW-5S (405783-001)	905.0 Strontium-90	
Water	08/22/18 12:40	LAMW-5S (405783-001)	906.0 Tritium	
Water	08/22/18 12:40	LAMW-5S (405783-001)	908.0 Uranium	
Water	08/22/18 10:30	SMBRP-12 (405783-002)	900.0 Gross Alpha and Beta	002
Water	08/22/18 10:30	SMBRP-12 (405783-002)	903.1 Radiuum-226	
Water	08/22/18 10:30	SMBRP-12 (405783-002)	904.0 Radium-228	
Water	08/22/18 10:30	SMBRP-12 (405783-002)	905.0 Strontium-90	
Water	08/22/18 10:30	SMBRP-12 (405783-002)	906.0 Tritium	
Water	08/22/18 10:30	SMBRP-12 (405783-002)	908.0 Uranium	
Water	08/22/18 11:30	MCWP-MW09 (405783-003)	900.0 Gross Alpha and Beta	003
Water	08/22/18 11:30	MCWP-MW09 (405783-003)	903.1 Radiuum-226	
Water	08/22/18 11:30	MCWP-MW09 (405783-003)	904.0 Radium-228	
Water	08/22/18 11:30	MCWP-MW09 (405783-003)	905.0 Strontium-90	
Water	08/22/18 11:30	MCWP-MW09 (405783-003)	906.0 Tritium	
Water	08/22/18 11:30	MCWP-MW09 (405783-003)	908.0 Uranium	

Note:
Standard TAT

Strontium-90: ASTM D5811-95 is o.k. if matrix calls for it instead of EPA 905.0
Uranium: ASTM D5174-97 is o.k. if matrix calls for it instead of EPA 908.0

Relinquished By	Received By:
Date/Time 8/23/18 14:30	Date/Time 8-24-18 1000
Date/Time	Date/Time

WO# : 30263300

30263300

Pittsburgh Lab Sample Condition Upon Receipt

Face Analytical

Client Name: Enthalpy Analytical Project # 30263300

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other _____

Label ET

Tracking #: 773052584020 LIMS Login BMH

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact: ☐ yes ☑ no

Thermometer Used N/A Type of Ice: Wet Blue (None)

Cooler Temperature Observed Temp _____ °C Correction Factor: _____ °C Final Temp: _____ °C

Temp should be above freezing to 6°C

pH paper Lot# 10D416171 Date and Initials of person examining contents: ET 8-24-18

Comments:	Yes	No	N/A	
Chain of Custody Present:	✓			1.
Chain of Custody Filled Out:	✓			2.
Chain of Custody Relinquished:	✓			3.
Sampler Name & Signature on COC:		✓		4.
Sample Labels match COC: -Includes date/time/ID Matrix: WT		✓		5.
Samples Arrived within Hold Time:	✓			6.
Short Hold Time Analysis (<72hr remaining):		✓		7.
Rush Turn Around Time Requested:		✓		8.
Sufficient Volume:	✓			9.
Correct Containers Used: -Pace Containers Used:	✓	✓		10.
Containers Intact:	✓			11.
Orthophosphate field filtered			✓	12.
Hex Cr Aqueous Compliance/NPDES sample field filtered			✓	13.
Organic Samples checked for dechlorination:			✓	14.
Filtered volume received for Dissolved tests			✓	15.
All containers have been checked for preservation.	✓			16. added 50mL of HNO3 to samples
All containers needing preservation are found to be in compliance with EPA recommendation.		✓		
exceptions: VOA, coliform, TOC, O&G, Phenolics				Initial when completed ET Date/time of preservation 8-24-18 15:10
				Lot # of added preservative DU18-0898
Headspace in VOA Vials (>6mm):			✓	17.
Trip Blank Present:		✓		18.
Trip Blank Custody Seals Present			✓	
Rad Aqueous Samples Screened > 0.5 mrem/hr		✓		Initial when completed: ET Date: 8-24-18

Client Notification/ Resolution:

Person Contacted: _____ Date/Time: _____ Contacted By: _____

Comments/ Resolution: _____

☐ **A check in this box indicates that additional information has been stored in ereports.**

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)

***PM review** is documented electronically in LIMS. When the Project Manager closes the SRF Review schedule in LIMS. The review is in the Status section of the Workorder Edit Screen.

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WORK ORDER NUMBER: 18-08-2003

The difference is service



AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: Enthalpy Analytical, Inc.

Client Project Name: 405783

Attention: Ranjit Clarke
931 W. Barkley Avenue
Orange, CA 92868-1208

Sheila Lau for

Approved for release on 09/06/2018 by:
Xuan Dang
Project Manager

ResultLink

Email your PM

Eurofins Calscience (Calscience) certifies that the test results provided in this report meet all NELAC Institute requirements for parameters for which accreditation is required or available. Any exceptions to NELAC Institute requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

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Work Order Number: 18-08-2003

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Work Order Narrative

Work Order: 18-08-2003 Page 1 of 1

Condition Upon Receipt:

Samples were received under Chain-of-Custody (COC) on 08/23/18. They were assigned to Work Order 18-08-2003.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

DoD Projects:

The test results contained in this report are accredited under the laboratory's ISO/IEC 17025:2005 and DoD-ELAP accreditation issued by the ANSI-ASQ National Accreditation Board. Refer to certificate and scope of accreditation ADE-1864.

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Sample Summary

Client:	Enthalpy Analytical, Inc. 931 W. Barkley Avenue Orange, CA 92868-1208	Work Order:	18-08-2003
		Project Name:	405783
		PO Number:	1024475
		Date/Time Received:	08/23/18 14:00
		Number of Containers:	6
Attn:	Ranjit Clarke		

Sample Identification	Lab Number	Collection Date and Time	Number of Containers	Matrix
LAMW-5S (405783-001)	18-08-2003-1	08/22/18 12:40	2	Aqueous
SMBRP-12 (405783-002)	18-08-2003-2	08/22/18 10:30	2	Aqueous
MCWP-MW09 (405783-003)	18-08-2003-3	08/22/18 11:30	2	Aqueous

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Detections Summary

Client:	Enthalpy Analytical, Inc.	Work Order:	18-08-2003
	931 W. Barkley Avenue	Project Name:	405783
	Orange, CA 92868-1208	Received:	08/23/18
Attn:	Ranjit Clarke		

Client SampleID / Analyte	Result	Qualifiers	RL	Units	Method	Extraction
SMBRP-12 (405783-002) (18-08-2003-2)						
Biochemical Oxygen Demand	2.4		1.0	mg/L	SM 5210 B	N/A
MCWP-MW09 (405783-003) (18-08-2003-3)						
Biochemical Oxygen Demand	2.7		1.0	mg/L	SM 5210 B	N/A

Subcontracted analyses, if any, are not included in this summary.

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* MDL is shown

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Analytical Report

Enthalpy Analytical, Inc.
931 W. Barkley Avenue
Orange, CA 92868-1208

Project: 405783

Date Received: 08/23/18
Work Order: 18-08-2003
Preparation: N/A
Method: EPA 1664A
Units: mg/L

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
LAMW-5S (405783-001)	**18-08-2003-1-A**	**08/22/18 12:40**	**Aqueous**	**N/A**	**08/24/18**	**08/24/18 16:30**	**I0824HEML1**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
HEM: Oil and Grease	ND	1.0	0.80	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SMBRP-12 (405783-002)	**18-08-2003-2-A**	**08/22/18 10:30**	**Aqueous**	**N/A**	**08/24/18**	**08/24/18 16:30**	**I0824HEML1**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
HEM: Oil and Grease	ND	1.0	0.80	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MCWP-MW09 (405783-003)	**18-08-2003-3-A**	**08/22/18 11:30**	**Aqueous**	**N/A**	**08/24/18**	**08/24/18 16:30**	**I0824HEML1**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
HEM: Oil and Grease	ND	1.0	0.80	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-16-923-460**	**N/A**	**Aqueous**	**N/A**	**08/24/18**	**08/24/18 16:30**	**I0824HEML1**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
HEM: Oil and Grease	ND	1.0	0.80	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Enthalpy Analytical, Inc.
931 W. Barkley Avenue
Orange, CA 92868-1208

Project: 405783

Date Received: 08/23/18
Work Order: 18-08-2003
Preparation: N/A
Method: SM 5210 B
Units: mg/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
LAMW-5S (405783-001)	**18-08-2003-1-B**	**08/22/18 12:40**	**Aqueous**	**BOD 1**	**08/23/18**	**08/28/18 15:30**	**I0823BODB1**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Biochemical Oxygen Demand	ND	1.0	0.58	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SMBRP-12 (405783-002)	**18-08-2003-2-B**	**08/22/18 10:30**	**Aqueous**	**BOD 1**	**08/23/18**	**08/28/18 15:30**	**I0823BODB1**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Biochemical Oxygen Demand	2.4	1.0	0.58	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MCWP-MW09 (405783-003)	**18-08-2003-3-B**	**08/22/18 11:30**	**Aqueous**	**BOD 1**	**08/23/18**	**08/28/18 15:30**	**I0823BODB1**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Biochemical Oxygen Demand	2.7	1.0	0.58	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-05-054-5416**	**N/A**	**Aqueous**	**BOD 1**	**08/23/18**	**08/28/18 15:30**	**I0823BODB1**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Biochemical Oxygen Demand	ND	1.0	0.58	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Quality Control - Sample Duplicate

Enthalpy Analytical, Inc.		Date Received:	08/23/18
931 W. Barkley Avenue		Work Order:	18-08-2003
Orange, CA 92868-1208		Preparation:	N/A
		Method:	SM 5210 B
Project: 405783			Page 1 of 1

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	Duplicate Batch Number
18-08-2000-1	**Sample**	**Aqueous**	**BOD 1**	**08/23/18 00:00**	**08/28/18 15:30**	**I0823BODD1**
18-08-2000-1	**Sample Duplicate**	**Aqueous**	**BOD 1**	**08/23/18 00:00**	**08/28/18 15:30**	**I0823BODD1**

Parameter	Sample Conc.	DUP Conc.	RPD	RPD CL	Qualifiers
Biochemical Oxygen Demand	3200	3200	0	0-25	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS/LCSD

Enthalpy Analytical, Inc.
931 W. Barkley Avenue
Orange, CA 92868-1208

Project: 405783

Date Received: 08/23/18
Work Order: 18-08-2003
Preparation: N/A
Method: EPA 1664A

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-16-923-460	**LCS**	**Aqueous**	**N/A**	**08/24/18**	**08/24/18 16:30**	**I0824HEML1**
099-16-923-460	**LCSD**	**Aqueous**	**N/A**	**08/24/18**	**08/24/18 16:30**	**I0824HEML1**

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
HEM: Oil and Grease	40.00	36.90	92	35.90	90	78-114	3	0-18	

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RPD: Relative Percent Difference. CL: Control Limits

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Glossary of Terms and Qualifiers

Work Order: 18-08-2003 Page 1 of 1

Qualifiers	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
CI	See case narrative.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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Enthalpy Analytical
Formerly Associated Labs
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Irvine, CA 92614
Tel: 714.77 6900 Fax: 714.538.1209
info-sc@enthalpy.com

MONTROSE ENVIRONMENTAL

Subcontract Laboratory:

Eurofins CalScience - Sub
7440 Lincoln Way
Garden Grove, CA 92841

ATTN: Xuan Dang
PO# 1024475

Project: 405783 **Due:** 18-08-2003
PM: Ranjit Clarke
Email: ranjit.clarke@enthalpy.com
CC: incomingreports@enthalpy.com

Require: ☑ EDD ☐ EDF ☐ EDT
Report To: ☑ MDL

Note:

	Matrix	Sampled	Sample ID	Analysis	Comment
1	Water	08/22/18 12:40	LAMW-5S (405783-001)	1664_Total_OUT	
	Water	08/22/18 12:40	LAMW-5S (405783-001)	5210B BOD_OUT	
2	Water	08/22/18 10:30	SMBRP-12 (405783-002)	1664_Total_OUT	
	Water	08/22/18 10:30	SMBRP-12 (405783-002)	5210B BOD_OUT	
3	Water	08/22/18 11:30	MCWP-MW09 (405783-003)	1664_Total_OUT	
	Water	08/22/18 11:30	MCWP-MW09 (405783-003)	5210B BOD_OUT	

Note:
Standard TAT

Relinquished By	**Received By:**
Date/Time 8/23/18 1400	Date/Time 8/23/18 1400
Date/Time	Date/Time

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WORK ORDER NUMBER: 18-08-

SAMPLE RECEIPT CHECKLIST

COOLER 1 OF 1

CLIENT: Enthalpy Analytical

DATE: 08/23/2018

TEMPERATURE: (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC6 (CF: -0.5°C); Temperature (w/o CF): 3.9 °C (w/ CF): 3.4 °C; ☐ Blank ☑ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling

☐ Sample(s) received at ambient temperature; placed on ice for transport by courier

Ambient Temperature: ☐ Air ☐ Filter Checked by: SR

CUSTODY SEAL:

Cooler ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: SR

Sample(s) ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 1053

SAMPLE CONDITION:	Yes	No	N/A
Chain-of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Sampling date ☐ Sampling time ☐ Matrix ☐ Number of containers			
☐ No analysis requested ☐ Not relinquished ☐ No relinquished date ☐ No relinquished time			
Sampler's name indicated on COC	☐	☐	☑
Sample container label(s) consistent with COC	☐	☑	☐
Sample container(s) intact and in good condition	☑	☐	☐
Proper containers for analyses requested	☑	☐	☐
Sufficient volume/mass for analyses requested	☑	☐	☐
Samples received within holding time	☑	☐	☐
Aqueous samples for certain analyses received within 15-minute holding time			
☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfide ☐ Dissolved Oxygen	☐	☐	☑
Proper preservation chemical(s) noted on COC and/or sample container	☑	☐	☐
Unpreserved aqueous sample(s) received for certain analyses			
☐ Volatile Organics ☐ Total Metals ☐ Dissolved Metals			
Acid/base preserved samples - pH within acceptable range	☐	☐	☑
Container(s) for certain analysis free of headspace	☐	☐	☑
☐ Volatile Organics ☐ Dissolved Gases (RSK-175) ☐ Dissolved Oxygen (SM 4500)			
☐ Carbon Dioxide (SM 4500) ☐ Ferrous Iron (SM 3500) ☐ Hydrogen Sulfide (Hach)			
Tedlar™ bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE: (Trip Blank Lot Number: _____)

Aqueous: ☐ VOA ☐ VOA**h** ☐ VOA**na$_2$** ☐ 100PJ ☐ 100PJ**na$_2$** ☐ 125AGB ☐ 125AGB**h** ☐ 125AGB**p** ☐ 125PB ☐ 125PB**znna** (pH__9)

☐ 250AGB ☐ 250CGB ☐ 250CGB**s** (pH__2) ☐ 250PB ☐ 250PB**n** (pH__2) ☐ 500AGB ☐ 500AGJ ☐ 500AGJ**s** (pH__2) ☐ 500PB

☐ 1AGB ☐ 1AGB**na$_2$** ☐ 1AGB**s** (pH__2) ☐ 1AGB**s** (O&G) ☑ 1PB (Qual) ☐ 1PB**na** (pH__12) ☑ 1CGJs (O&G) ☐ _____ ☐ _____

Solid: ☐ 4ozCGJ ☐ 8ozCGJ ☐ 16ozCGJ ☐ Sleeve (___) ☐ EnCores® (___) ☐ TerraCores® (___) ☐ _____ ☐ _____ ☐ _____

Air: ☐ Tedlar™ ☐ Canister ☐ Sorbent Tube ☐ PUF ☐ _____ **Other Matrix** (_____): ☐ _____ ☐ _____ ☐ _____

Container: **A** = Amber, **B** = Bottle, **C** = Clear, **E** = Envelope, **G** = Glass, **J** = Jar, **P** = Plastic, and **Z** = Ziploc/Resealable Bag

Preservative: **b** = buffered, **f** = filtered, **h** = HCl, **n** = HNO_3, **na** = NaOH, **na$_2$** = $Na_2S_2O_3$, **p** = H_3PO_4, **s** = H_2SO_4, **u** = ultra-pure, **x** = Na_2SO_3+$NaHSO_4.H_2O$, **znna** = Zn $(CH_3CO_2)_2$ + NaOH

Labeled/Checked by: 1053

Reviewed by: BR

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eurofins | Calscience

WORK ORDER NUMBER: 18-08-2003

SAMPLE ANOMALY REPORT

DATE: 08/23/2018

SAMPLES, CONTAINERS, AND LABELS:

Comments

- ☐ Sample(s) NOT RECEIVED but listed on COC
- ☐ Sample(s) received but NOT LISTED on COC
- ☐ Holding time expired (list client or ECI sample ID and analysis)
- ☐ Insufficient sample amount for requested analysis (list analysis)
- ☐ Improper container(s) used (list analysis)
- ☐ Improper preservative used (list analysis)
- ☐ pH outside acceptable range (list analysis)
- ☐ No preservative noted on COC or label (list analysis and notify lab)
- ☐ Sample container(s) not labeled
- ☐ Client sample label(s) illegible (list container type and analysis)
- ☑ Client sample label(s) do not match COC (comment)
  - ☐ Project information
  - ☑ Client sample ID
  - ☐ Sampling date and/or time
  - ☐ Number of container(s)
  - ☐ Requested analysis
- ☐ Sample container(s) compromised (comment)
  - ☐ Broken
  - ☐ Water present in sample container
- ☐ Air sample container(s) compromised (comment)
  - ☐ Flat
  - ☐ Very low in volume
  - ☐ Leaking (not transferred; duplicate bag submitted)
  - ☐ Leaking (transferred into ECI Tedlar™ bags*)
  - ☐ Leaking (transferred into client's Tedlar™ bags*)

* Transferred at client's request.

(-1) Labeled as LA MW-55 (Date/time match)

MISCELLANEOUS: (Describe)

Comments

HEADSPACE:

(Containers with bubble > 6 mm or ¼ inch for volatile organic or dissolved gas analysis)

ECI Sample ID	ECI Container ID	Total Number**	ECI Sample ID	ECI Container ID	Total Number**

(Containers with bubble for other analysis)

ECI Sample ID	ECI Container ID	Total Number**	Requested Analysis

Comments: _____

** Record the total number of containers (i.e., vials or bottles) for the affected sample.

Reported by: 1053

Reviewed by: 659

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Enthalpy - Orange

Report to: Ranjit Clarke
1 Park Plaza, Ste 1000
Irvine, CA 92614

Client Project # 405783

Analytical Report
0818-727

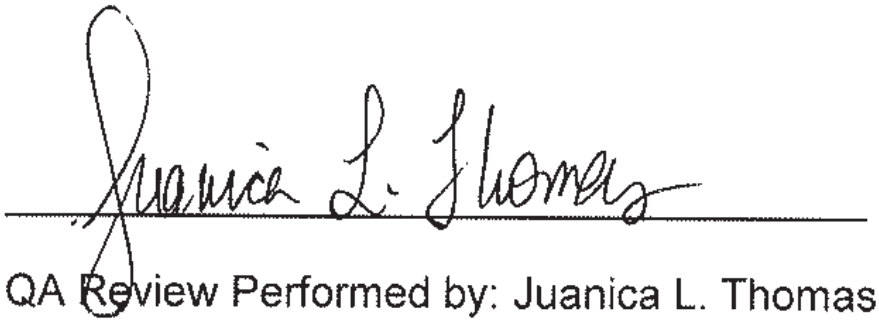
Method 1613B
TCDD Only

Enthalpy Analytical, LLC – Ultratrace
Phone: (910) 212-5858 / www.enthalpy.com
2714 Exchange Drive, Wilmington, NC 28405

I certify that to the best of my knowledge all analytical data presented in this report:

- Have been checked for completeness
- Are accurate, error-free, and legible
- Have been conducted in accordance with approved protocol, and that all deviations and analytical problems are summarized in the appropriate narrative(s)

This analytical report was prepared in Portable Document Format (.PDF) and contains 19 pages.



QA Review Performed by: Juanica L. Thomas

Report Issued Date: 9/10/18

ENTHALPY ANALYTICAL

LAMW-5S (405783-001)						Detailed Results - Method 1613	
Client Details							
Client Sample ID: LAMW-5S (405783-001)				**Client Name:** EA Orange			
Client Project ID: 405783				**Sample Collection Date:** 22-Aug-18		**RRFs:** CS3 AB	
Lab/Sample Details							
Lab Job #:	0818-727	**Matrix:**	Aqueous	**Date Received:**	25-Aug-18		
Lab Sample ID:	0818-727_10118_001	**Weight/Volume:**	1.06	**Date Extracted:**	27-Aug-18		
QC Batch #:	10118	**Split Factor:**	1	**Date Analyzed:**	30-Aug-18		
Dilution:	-			**Time Analyzed:**	16:16:00		

Analyte	Conc. (pg/L)	DLpg/L	EMPC pg/L	Qualifiers	Standard	ES Recoveries	Qualifiers
2,3,7,8-TCDD	ND	0.408			ES 2,3,7,8-TCDD	84.1	
Totals	**Conc. pg/L**	**DLpg/L**	**EMPC pg/L**		**Standard**	**CS/AS Recoveries**	
					CS 37Cl-2378-TCDD	111	

SMBRP-12 (405783-002)						Detailed Results - Method 1613	
Client Details							
Client Sample ID:	SMBRP-12 (405783-002)		**Client Name:**	**EA Orange**			
Client Project ID:	405783		**Sample Collection Date:**	**22-Aug-18**		**RRFs:**	**CS3 AB**
Lab/Sample Details							
Lab Job #:	**0818-727**	**Matrix:**	**Aqueous**	**Date Received:**	**25-Aug-18**		
Lab Sample ID:	**0818-727_10118_002**	**Weight/Volume:**	**1.06**	**Date Extracted:**	**27-Aug-18**		
QC Batch #:	**10118**	**Split Factor:**	**1**	**Date Analyzed:**	**30-Aug-18**		
Dilution:	**-**			**Time Analyzed:**	**17:05:02**		

Analyte	Conc. (pg/L)	DLpg/L	EMPC pg/L	Qualifiers	Standard	ES Recoveries	Qualifiers
2,3,7,8-TCDD	ND	0.258			ES 2,3,7,8-TCDD	111	
Totals	**Conc. pg/L**	**DLpg/L**	**EMPC pg/L**		**Standard**	**CS/AS Recoveries**	
					CS 37Cl-2378-TCDD	143	V

MCWP-MW09 (405783-003)				Detailed Results - Method 1613	
Client Details					
Client Sample ID:	MCWP-MW09 (405783-003)	**Client Name:**	**EA Orange**		
Client Project ID:	405783	**Sample Collection Date:**	**22-Aug-18**	**RRFs:**	**CS3 AB**
Lab/Sample Details					
Lab Job #:	**0818-727**	**Matrix:**	**Aqueous**	**Date Received:**	**25-Aug-18**
Lab Sample ID:	**0818-727_10118_003**	**Weight/Volume:**	**1.06**	**Date Extracted:**	**27-Aug-18**
QC Batch #:	**10118**	**Split Factor:**	**1**	**Date Analyzed:**	**30-Aug-18**
Dilution:	**-**			**Time Analyzed:**	**17:54:03**

Analyte	Conc. (pg/L)	DLpg/L	EMPC pg/L	Qualifiers	Standard	ES Recoveries	Qualifiers
2,3,7,8-TCDD	ND	0.348			ES 2,3,7,8-TCDD	96.6	
Totals	**Conc. pg/L**	**DLpg/L**	**EMPC pg/L**		**Standard**	**CS/AS Recoveries**	
					CS 37Cl-2378-TCDD	106	

Continuing Calibration

PCDD/Fs

	CS3-A	CS3-B
Concentration (pg/µL)	10	10
Standard ID	SIDAA19	SIDAA19
Acquisition Date	30-Aug-18	30-Aug-18
Acquisition Time	9:29:53	19:32:07

Analyte	RRF	RRF	ICAL RRFs	PD (CS3-A v. ICAL)	PD (CS3-B v. ICAL)	Average RRF	RPD (CS3s)
2,3,7,8-TCDD	1.18	1.07	1.16	1.7	-7.8	1.13	9.8
1,2,3,7,8-PeCDD	0.99	0.93	1.06	-6.6	-12.3	0.96	6.2
1,2,3,4,7,8-HxCDD	1.09	1.04	1.05	3.8	-1.0	1.07	4.7
1,2,3,6,7,8-HxCDD	1.19	1.12	1.09	9.2	2.8	1.16	6.1
1,2,3,7,8,9-HxCDD	0.96	0.89	1.02	-5.9	-12.7	0.93	7.6
1,2,3,4,6,7,8-HpCDD	1.06	1.00	1.07	-0.9	-6.5	1.03	5.8
OCDD	1.11	1.10	1.11	0.0	-0.9	1.11	0.9
2,3,7,8-TCDF	1.02	0.92	1.08	-5.6	-14.8	0.97	10.3
1,2,3,7,8-PeCDF	0.99	0.96	1.04	-4.8	-7.7	0.98	3.1
2,3,4,7,8-PeCDF	0.98	0.94	1.02	-3.9	-7.8	0.96	4.2
1,2,3,4,7,8-HxCDF	1.32	1.26	1.36	-2.9	-7.4	1.29	4.7
1,2,3,6,7,8-HxCDF	1.22	1.17	1.24	-1.6	-5.6	1.20	4.2
2,3,4,6,7,8-HxCDF	1.23	1.17	1.26	-2.4	-7.1	1.20	5.0
1,2,3,7,8,9-HxCDF	1.22	1.13	1.24	-1.6	-8.9	1.18	7.7
1,2,3,4,6,7,8-HpCDF	1.42	1.29	1.43	-0.7	-9.8	1.36	9.6
1,2,3,4,7,8,9-HpCDF	1.37	1.28	1.38	-0.7	-7.2	1.33	6.8
OCDF	1.04	0.99	1.11	-6.3	-10.8	1.02	4.9
ES 2,3,7,8-TCDD	0.93	0.94	1.02	-8.8	-7.8	0.94	1.1
ES 1,2,3,7,8-PeCDD	0.78	0.86	0.86	-9.3	0.0	0.82	9.8
ES 1,2,3,4,7,8-HxCDD	1.03	1.02	1.03	0.0	-1.0	1.03	1.0
ES 1,2,3,6,7,8-HxCDD	1.05	1.04	1.02	2.9	2.0	1.05	1.0
ES 1,2,3,7,8,9-HxCDD	1.19	1.19	1.14	4.4	4.4	1.19	0.0
ES 1,2,3,4,6,7,8-HpCDD	0.87	0.83	0.86	1.2	-3.5	0.85	4.7
ES OCDD	0.61	0.60	0.67	-9.0	-10.4	0.61	1.7
ES 2,3,7,8-TCDF	0.94	0.90	1.02	-7.8	-11.8	0.92	4.3
ES 1,2,3,7,8-PeCDF	0.80	0.87	0.86	-7.0	1.2	0.84	8.4
ES 2,3,4,7,8-PeCDF	0.78	0.90	0.89	-12.4	1.1	0.84	14.3
ES 1,2,3,4,7,8-HxCDF	1.31	1.20	1.24	5.6	-3.2	1.26	8.8
ES 1,2,3,6,7,8-HxCDF	1.67	1.51	1.44	16.0	4.9	1.59	10.1
ES 2,3,4,6,7,8-HxCDF	1.45	1.33	1.31	10.7	1.5	1.39	8.6
ES 1,2,3,7,8,9-HxCDF	1.13	1.09	1.10	2.7	-0.9	1.11	3.6
ES 1,2,3,4,6,7,8-HpCDF	1.06	0.91	1.00	6.0	-9.0	0.99	15.2
ES 1,2,3,4,7,8,9-HpCDF	0.79	0.73	0.81	-2.5	-9.9	0.76	7.9
ES OCDF	0.81	0.78	0.87	-6.9	-10.3	0.80	3.8

Continuing Calibration — PCDD/Fs

	CS3-A	CS3-B
Concentration (pg/µL)	10	10
Standard ID	SIDAA19	SIDAA19
Acquisition Date	30-Aug-18	30-Aug-18
Acquisition Time	9:29:53	19:32:07

Analyte	RRF	RRF	ICAL RRFs	PD (CS3-A v. ICAL)	PD (CS3-B v. ICAL)	Average RRF	RPD (CS3s)
CS 37Cl-2378-TCDD	1.14	1.10	1.22	-6.6	-9.8	1.12	3.6
CS 12347-PeCDD	0.70	0.77	0.72	-2.8	6.9	0.74	9.5
CS 12346-PeCDF	0.81	0.78	0.90	-10.0	-13.3	0.80	3.8
CS 123469-HxCDF	1.42	1.29	1.23	15.4	4.9	1.36	9.6
CS 1234689-HpCDF	0.99	0.86	0.90	10.0	-4.4	0.93	14.1
SS 37Cl-2378-TCDD	1.22	1.13	1.20	1.7	-5.8	1.18	7.7
SS 12347-PeCDD	0.90	0.89	0.85	5.9	4.7	0.90	1.1
SS 12346-PeCDF	1.00	0.90	1.05	-4.8	-14.3	0.95	10.5
SS 123469-HxCDF	0.98	0.97	0.94	4.3	3.2	0.98	1.0
SS 1234689-HpCDF	0.94	0.94	0.90	4.4	4.4	0.94	0.0
AS 1368-TCDD	1.08	1.03	1.10	-1.8	-6.4	1.06	4.7
AS 1368-TCDF	1.15	1.00	1.17	-1.7	-14.5	1.08	14.0
FS 1278-TCDD	-	-	1.07	-	-	-	-
FS 12478-PeCDD	-	-	1.01	-	-	-	-
FS 123468-HxCDD	-	-	1.06	-	-	-	-
FS 1234679-HpCDD	-	-	1.22	-	-	-	-
TS 1378-TCDD	-	-	1.03	-	-	-	-
Analyte	Area	Area					
JS 1234-TCDD	2050484	1794167					
JS 1234-TCDF	3142983	2495948					
JS 123467-HxCDD	1112243	1138118					

Method Blank						Detailed Results - Method 1613	
						RRFs:	CS3 AB
Lab/Sample Details							
		Matrix:	Aqueous	Date Received:	N/A		
Lab Sample ID:	MB1_10118_DF	Weight/Volume:	1.00	Date Extracted:	27-Aug-18		
QC Batch #:	10118	Split Factor:	1	Date Analyzed:	30-Aug-18		
Dilution:	-			Time Analyzed:	12:07:57		

Analyte	Conc. (pg/L)	DLpg/L	EMPC pg/L	Qualifiers	Standard	ES Recoveries	Qualifiers
2,3,7,8-TCDD	ND	0.524			ES 2,3,7,8-TCDD	87.9	
Totals	**Conc. pg/L**	**DLpg/L**	**EMPC pg/L**		**Standard**	**CS/AS Recoveries**	
					CS 37Cl-2378-TCDD	102	

OPR	Detailed Results - Method 1613

RRFs: CS3 AB

Lab/Sample Details

		Matrix:	Aqueous	Date Received:	N/A
Lab Sample ID:	OPR_10118_DF	Final Vol. (uL)	20	Date Extracted:	27-Aug-18
QC Batch #:	10118	Split Factor:	1	Date Analyzed:	30-Aug-18
Dilution:	-			Time Analyzed:	10:33:04

Analyte	Conc. (pg/L)	DLpg/L	EMPC pg/L	Qualifiers	Standard	ES Recoveries	Qualifiers
2,3,7,8-TCDD	11.9				ES 2,3,7,8-TCDD	88.8	
Totals	**Conc. pg/L**	**DLpg/L**	**EMPC pg/L**		**Standard**	**CS/AS Recoveries**	
					CS 37Cl-2378-TCDD	100	

OPR Demonstration Data (TCDD Only)

Batch ID#: 10118

Analyte	Conc. (pg)	Lower Limit	Upper Limit	Acceptable?	Standard	ES Recoveries	Lower Limit	Upper Limit	Acceptable?
2,3,7,8-TCDD	11.9	7.3	14.6	Y	ES 2,3,7,8-TCDD	89	25	141	Y
					CS 2,3,7,8-TCDD	10	3.7	15.8	Y

Enthalpy Analytical Narrative Summary

Company	Enthalpy Orange	**Client #**	405783
Analyst	Laura Boivin	**Job #**	0818-727
Parameters	Dioxins and Furans	**# Samples**	3

Custody	Enthalpy Analytical, Inc. Wilmington, NC office received the sample (via FedEx) by Robin Appelle on 8/25/2018. The sample was received having a temperature of 3.3 ºC, in good condition. Prior to, during, and after analysis, the samples were stored in the laboratory with access only by authorized personnel of Enthalpy Analytical, Inc.
Analysis	The samples were analyzed by EPA Method 1613 for TCDD only by HRGC/HRMS. The analysis was done using the following instrumentation; High-Resolution-GC - Agilent Tech Model# 6890, AutoSampler – CTC A200 and High-Resolution Mass-Spec. – Waters (Gandalf).
Calibration	The analytes and labeled standards in the initial calibration exhibited RSDs less than 20%. The continuing calibration (CS3A and CS3B) and batch control spike met the 20% criteria for native analytes, and met the 30% criterion for the labeled standards..
QC Notes	The HRMS system displayed mass resolving power of at least 10,000 during the analysis. The QC injections passed the criteria of at or below 40% threshold. Labeled and sampling (surrogate) standard recoveries were acceptable. The samples were extracted within the 30-day from collection holding time and analyzed within the 45-day from extraction to analysis holding time required by the method.
Reporting Notes	The TEQ was calculated and reported to the client using the I-TEFs and the WHO-2005 TEF, calculated several different ways. We also reported Totals and Detection Limits. The results presented in this report are representative of the samples as provided to the laboratory. The samples, calibrations and standards for the data presented in this report were analyzed at 2714 Exchange Drive, Wilmington, NC 28405.

General Reporting Notes – Data Qualifiers

The following are general reporting notes that are applicable to all Enthalpy Analytical, Inc.-Wilmington, NC data reports, unless specifically noted otherwise.

General Data Qualifiers / Data Attributes

- B – The analyte was found in the method blank, at a concentration that was at least 10% of the concentration in the sample.
- C – Two or more congeners co-elute. In EDDs, C denotes the lowest IUPAC congener in a co-elution group and additional co-eluters for the group are shown with the number of the lowest IUPAC co-eluter**.**
- E – The reported concentration exceeds the calibration range (upper point of the calibration curve).
- EMPC – Represents an estimated maximum possible concentration. EMPCs arise in cases where the signal/noise ratio is not sufficient for peak identification (the determined ion-abundance ratio is outside the allowed theoretical range), or where there is a co-eluting interference.
- J – Indicates that an analyte has a concentration below the reporting limit (lowest point of the calibration curve).
- ND – Indicates a non-detect.
- NR – Indicates a value that is not reportable.
- PR – Due to interference, the associated congener is poorly resolved.
- DI – Indicates the presence of a quantitative interference.
- SI – Denotes "Single Ion Mode" and is utilized for PCBs where the secondary ion trace has a significantly elevated noise level due to background PFK. Responses for such peaks are calculated using an EMPC approach based solely on the primary ion area(s) and may be considered estimates.
- U – The analyte was not detected. The Estimated Detection Limit (EDL) may be reported for this analyte.
- V – The labeled standard recovery was found to be outside of the method control limits.

DRBC/TMDL Specific Data Qualifiers / Data Attributes

- J – The reported result is an estimate. The value is less than the minimum calibration level but greater than the Estimated Detection Limit (EDL).
- U – The analyte was not detected in the sample at the Estimated Detection Limit (EDL).
- E – The reported concentration is an estimate. The value exceeds the upper calibration range (upper point of the calibration curve).

- D – Dilution Data. Result was obtained from the analysis of a dilution.
- B – Analyte found in the sample and associated method blank.
- Cxx – Co-elutes with the indicated congener, data is reported under the lowest IUPAC congener. 'xx' denotes the IUPAC number with the lowest numerical designated congener.
- NR – Analyte is not reportable because of problems in sample preparation or analysis.
- V – Labeled standard recovery is not within method control limits.
- X – Results from re-injection/repeat/second-column analysis.
- EMPC – Estimated Maximum Possible Concentration. Indicates that a peak is identified but did not meet the method specified ion-abundance ratio.

Lab Identifiers

- AR – Indicates use of the archived portion of the sample extract.
- CU – Indicates a sample that required additional clean-up prior to HRMS injection/processing.
- D – Indicates a dilution of the sample extract. The number that follows the "D" indicates the dilution factor.
- DE – Indicates a dilution performed with the addition of ES (Extraction Standard) solution.
- DUP – Designation for a duplicate sample.
- MS – Designation for a matrix spike.
- MSD – Designation for a matrix spike duplicate.
- RJ – Indicates a reinjection of the sample extract.
- S – Indicates a sample split. The number that follows the "S" indicates the split factor.

0818-727

Enthalpy Analytical
Formerly Associated Labs
1 Park Plaza, Suite 1000
Irvine, CA 92614
Tel: 714.771.6900 Fax: 714.538.1209
info-sc@enthalpy.com

MONTROSE ENVIRONMENTAL

Subcontract Laboratory:

Enthalpy - Wilmington - Su
2714 Exchange Drive
Wilmington, NC 28405
910-212-5866
ATTN: Bryan Vining
PO# N/A

Project: 405783 **Due:**
PM: Ranjit Clarke
Email: ranjit.clarke@enthalpy.com
CC: incomingreports@enthalpy.com
Require: ☑ EDD ☐ EDF ☐ EDT
Report To: ☑ MDL

Note:

Matrix	Sampled	Sample ID	Analysis	Comment
Water	08/22/18 12:40	LAMW-5S (405783-001)	1613B_TCDD_OUT	2,3,7,8-TCDD only
Water	08/22/18 10:30	SMBRP-12 (405783-002)	1613B_TCDD_OUT	2,3,7,8-TCDD only
Water	08/22/18 11:30	MCWP-MW09 (405783-003)	1613B_TCDD_OUT	2,3,7,8-TCDD only

Note:
15 Day TAT

2,3,7,8-TCDD only

Relinquished By	Received By:
Date/Time 8/23/18 15:30	Date/Time 8/25/18 0957 3.3°
Date/Time	Date/Time

405783-04 08/23/18 12:36 RC

Spike Profile Sheet

Batch#: 10118
Job #(s): 0818-026, 0818-027

ENTHALPY ANALYTICAL

Comments: NA 8/28/18

NOTE: ALL Ax STANDARDS SOLUTIONS ARE ONLY SPIKED INTO BCS, LCS, OPR AND/OR MS/MSD

PCDD/F

ES: 20 µL @ 100pg/mL	**Ax-A:** 20 µL @ 10pg/mL	**Ax-B:** 20 µL @ 10pg/mL	**AS:** 20 µL @ 100 pg/L
ID: SIDO134	ID: SIDAA14	ID: SIDAA56	ID: SIDAA05
Exp.: 11/2021	Exp.: 11/2018	Exp.: 11/2018	Exp.: 11/2018
Spiker: NA 8/27/18	Spiker: NA 8/27/18	Spiker: NA 8/27/18	Spiker: NA 8/28/18
Witness: MW Date: 08/27/18	Witness: MW Date: 08/27/18	Witness: MW Date: 08/27/18	Witness: MW Date: 08/28/18
CS: 20 µL @ 40 pg/L	**JS:** 20 µL @ 100 pg/L	µL @	µL @
ID: SIDAA37	ID: SIDA002	ID:	ID: NA 8/28/18
Exp.: 7/2019	Exp.: 3/2019	Exp.:	Exp.:
Spiker: NA 8/28/18	Spiker: NA 8/29/18	Spiker:	Spiker:
Witness: MW Date: 08/28/18	Witness: MW Date: 08/29/18	Witness: Date:	Witness: Date:

PCB

ES: µL @	**Ax1668/209:** µL @		**CS:** µL @
ID:	ID:		ID:
Exp.:	Exp.:		Exp.:
Spiker:	Spiker:		Spiker:
Witness: Date:	Witness: Date:		Witness: Date:
JS: µL @	**FS:** µL @	**:** µL @	
ID:	ID:	ID:	
Exp.:	Exp.:	Exp.:	
Spiker:	Spiker:	Spiker:	
Witness: Date:	Witness: Date:	Witness: Date:	

N/A

PAH

ES: µL @	**Ax:** µL @	**AS:** µL @	**CS:** µL @
ID:	ID:	ID:	ID:
Exp.:	Exp.:	Exp.:	Exp.:
Spiker:	Spiker:	Spiker:	Spiker:
Witness: Date:	Witness: Date:	Witness: Date:	Witness: Date:
JS: µL @	**:** µL @		
ID:	ID:		
Exp.:	Exp.:		
Spiker:	Spiker:		
Witness: Date:	Witness: Date:		

N/A

ENTHALPY ANALYTICAL

Matrix: Aqueous	Batch #: 10118			Extraction Cycle Times
Extraction Type: CH_2Cl_2 ☐SDS ☑SEP ☐CLL ☐TALEX		Init.	Date	Start: — Stop: — Date: —
	Extraction	[illegible]	8/28/18 for 8/27/18	Start: — Stop: — Date: —
☑PCDD/F ☐PCB ☐PAH	Clean Up	[illegible]	8/28/18	Start: — Stop: — Date: —
☐Other:	Transfer	[illegible]	08/29/18	Split: 1/2 ~~1/4~~ Final Volume: 20 µL

Lab Sample ID	Extr. Pos.#	Wt. (g)/ Vol. (mL)	Observations	Cl⁻
0818-726_10118_001	—	1049.8	—	—
0818-726_10118_002	—	1068.7	—	—
0818-726_10118_003	—	1033.3	—	—
0818-726_10118_004	—	1050.0	—	—
0818-727_10118_001	—	1061.3	—	—
0818-727_10118_002	—	1061.3	—	—
0818-727_10118_003	—	1060.0	—	—
MB_10118_DF	—	1000	DI H_2O	N/A
OPR_10118_DF	—	1000	DI H_2O	N/A

[illegible] 8/28/18

Supply IDs		Supply IDs: Other		Equipment IDs	
Toluene	183146		[illegible] 8/28/18	Balance	2
Acid Silica	07162018			Pipettes	P2
Base Silica	07162018			Bottle-Top Dispenser	—
Silica	A0371259			Shaker	—
Florisil	102187			Drying Oven	—
Hexane	183263	Comments:		Thermometer	TS
CH_2Cl_2	182750				
Tetradecane	W15C008				[illegible] 8/28/18
Na_2SO_4	16G145207				
$AgNO_3$	MKCG3048				
Hydromatrix	6400661-01				
H_2SO_4	N/A				

0818-726

Enthalpy Analytical
Formerly Associated Labs
1 Park Plaza, Suite 1000
Irvine, CA 92614
Tel: 714.771.6900 Fax: 714.538.1209
info-sc@enthalpy.com

MONTROSE ENVIRONMENTAL

Subcontract Laboratory:

Enthalpy - Wilmington - Su
2714 Exchange Drive
Wilmington, NC 28405
910-212-5866
ATTN: Bryan Vining
PO# N/A

Project: 405734 **Due:**
PM: Ranjit Clarke
Email: ranjit.clarke@enthalpy.com
CC: incomingreports@enthalpy.com
Require: ☑ EDD ☐ EDF ☐ EDT
Report To: ☑ MDL

Note:

Matrix	Sampled	Sample ID	Analysis	Comment
Water	08/21/18 11:30	SMBRP-11 (405734-001)	1613B_TCDD_OUT	2,3,7,8-TCDD only
Water	08/21/18 12:00	MCWP-MW04S (405734-002)	1613B_TCDD_OUT	2,3,7,8-TCDD only
Water	08/21/18 09:25	MCWP-MW07S (405734-003)	1613B_TCDD_OUT	2,3,7,8-TCDD only
Water	08/21/18 11:00	MCWP-MW07D (405734-004)	1613B_TCDD_OUT	2,3,7,8-TCDD only

Note:
15 Day TAT

2,3,7,8-TCDD only

Relinquished By	Received By
Date/Time 8/23/18 15:30	Date/Time 8/25/18 0957 3.3°
Date/Time	Date/Time

ENTHALPY ANALYTICAL

Sample Inventory Report, Receipt and Log-In Form (Non-Air)

Client/Company: EA Orange	**EU Job #:** 0818-727		
Client Project #: 405783	**Date Samples Arrived:** 25-Aug-18		
Client PO #:	**Time Samples Arrived:** 9:57 AM	**Received by Int.:**	RAA

Sample Inventory

Lab Sample ID	Client Sample ID	Client Sample Description	Matrix	Qty.	Sample Collection Date	Sample Collection Time	Notes:
0818-727_001	LAMW-5S (405783-001)	Water	Aqueous	1	22-Aug-18	12:40 PM	
0818-727_002	SMBRP-12 (405783-002)	Water	Aqueous	1	22-Aug-18	10:30 AM	
0818-727_003	MCWP-MW09 (405783-003)	Water	Aqueous	1	22-Aug-18	11:30 AM	

Sample Receipt & Log-in Details

Courier: FedEx		**Container Condition**	**Tracking Number(s):** 773052595911
# of Boxes: 0	**# of Coolers: 1**	Intact	
Sample Condition: Good		**Custody Seals (cont.):** NO	**Seal Condition:** N/A
Sample Temperature(s) in °C (coolers): 3.3		**Custody Seals (samples):** NO	**Seal Condition:** N/A
Perservative Type: Ice		**Chain of Custody:** YES	**COC Type:** Client
Sample Temperature(s) in °C (boxes): N/A		**COC Anomaly Details (if applicable):**	
Perservative Type: N/A			
Storage Location: R-1	**All Samples Rec'd:** ☑ YES ☐ NO		

Sample Custodian Signature: _____ **Date:** 8/28/18

Project Manager Signature: _____ **Date:** 8/27/18

This Is The Last Page Of This Report.

ENTHALPY ANALYTICAL

Please Reply To:

AmeriSci Los Angeles
24416 S. Main Street, Ste 308
Carson, California 90745
TEL: (310) 834-4868 • FAX: (310) 834-4772

FACSIMILE TELECOPY TRANSMISSION

To:	Ranjit Clarke Enthalpy Analytical	**From:**	Tyler D Miller
		AmeriSci Job #:	918082048
Fax #:		**Subject:**	Water (waste) 5 day Results
		Client Project:	405783
Email:	incomingreports@enthalpy.com,ranjit.clarke@enthalpy.com		

Date:	Monday, August 27, 2018	**Number of Pages:**	3 (including cover sheet)
Time:	10:20:16		
Comments:			

CONFIDENTIALITY NOTICE: Unless otherwise indicated, the information contained in this communication is confidential information intended for use of the individual named above. If the reader of this communication is not the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is prohibited. If you have received this communication in error, please immediately notify the sender by telephone and return the original message to the above address via the US Postal Service at our expense. Samples are disposed of in 60 days or unless otherwise instructed by the protocol or special instructions in writing. Thank you.

AmeriSci Job #: **918082048**
Client Name: Enthalpy Analytical

Table I
Summary of Transmission Electron Microscopy (TEM) Results for Asbestos (Water)

405783

AmeriSci Sample #	Client Sample No./Location	Liquid Filtered (liters)	Temp (Celcius)	Structures Detected* (total)	Structures Detected* (>10 µm)	Analytical Sensitivity (MF/L)	Asbestos Conc (total) (MF/L)	Asbestos Conc (>10 µm) (MF/L)	Asbestos Type
01	LAMW-5S (405783-001)	0.003	7	NSD	NSD	0.59	<0.59	<0.59	----
02	SMBRP-12 (405783-002)	0.01	7	NSD	NSD	0.18	<0.18	<0.18	----
03	MCWP-MW09 (405783-003)	0.02	7	NSD	NSD	0.18	<0.18	<0.18	----

*fiber criteria (>=0.5 microns, 5:1 aspect ratio); NAD/NSD = no asbestos detected, NA = not analyzed, MF/L = million fibers per liter.

NOTE: Drinking water analysis by EPA-600/4-83-043 (100.1), waste water by EPA-600/4-80-005. Analytical sensitivity calculated as though 1 fiber had been detected on the TEM GRID area analyzed. Samples are refrigerated upon receipt when necessary and filtered within four hours.

Reviewed By: _____ ; Analyzed By: _____ Date: 8/27/2018

Tyler D Miller

9180820 48

Enthalpy Analytical
Formerly Associated Labs
1 Park Plaza, Suite 1000
Irvine, CA 92614
Tel: 714.771.6900 Fax: 14.538.1209
info-sc@enthalpy.com

MONTROSE

Subcontract Laboratory:

AmeriSci - Sub
24416 S Main St. # 308
Carson, CA 90745

ATTN: Glenn Massey
PO# 1024476

Project: 405783 **Due:**
PM: Ranjit Clarke
Email: ranjit.clarke@enthalpy.com
CC: incomingreports@enthalpy.com
Require: ☐ EDD ☐ EDF ☐ EDT
Report To: ☐ MDL

Note:

Matrix	Sampled	Sample ID	Analysis	Comment
Water	08/22/18 12:40	LAMW-5S (405783-001)	100.2 Asbestos	
Water	08/22/18 10:30	SMBRP-12 (405783-002)	100.2 Asbestos	
Water	08/22/18 11:30	MCWP-MW09 (405783-003)	100.2 Asbestos	

Note:
5 Day TAT

Relinquished By	Received By:
Date/Time 8/23/18 1330	Date/Time 8/23/18 1330
Date/Time 8/23/18	Date/Time

8/23/18 14:20

Enthalpy Analytical, LLC
931 W. Barkley Ave - Orange, CA 92868
Tel: (714)771-6900 Fax: (714)538-1209
www.enthalpy.com
info-sc@enthalpy.com

MONTROSE ENVIRONMENTAL

Client: Rincon Consultants - Ventura
Address: 180 North Ashwood Ave.
Ventura, CA 93003

Attn: Kiernan Brtalik

Comments: Malibu - Annual

Lab Request: 405807
Report Date: 08/31/2018
Date Received: 08/23/2018
Client ID: 15888

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods. Methods accredited by NELAC are indicated on the report. This cover letter is an integral part of the final report.

Sample #	Client Sample ID
405807-001	SMBRP-13
405807-002	MCWP-MW06

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

Ranjit K. K. Clarke

Report Review performed by: Ranjit Clarke, Project Manager

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 60 days from date received.

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Matrix: Water **Client:** Rincon Consultants - Ventura **Collector:** Client
Sampled: 08/23/2018 12:20 **Site:**
Sample #: **405807-001** **Client Sample #:** SMBRP-13 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: sm 9223-B-b	Prep Method: Method						QCBatchID: QC1194815		
Fecal Coliform	**<2**	2			MPN/100ml	08/24/16 12:50	08/25/18	LH	
Total Coliform	**19**	2			MPN/100ml	08/24/16 12:50	08/25/18	LH	

Matrix: Water **Client:** Rincon Consultants - Ventura **Collector:** Client
Sampled: 08/23/2018 09:30 **Site:**
Sample #: **405807-002** **Client Sample #:** MCWP-MW06 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024	Prep Method: None						QCBatchID:		
Total Organic Nitrogen	**0.4 J**	1	0.04	0.5	mg/L		08/30/18	CB	J
Method: EPA 300.0	Prep Method: Method						QCBatchID: QC1194774		
Nitrate + Nitrite, as Nitrogen	ND	1	0.017	0.1	mg/L	08/23/18	08/23/18 20:43	CO	
Nitrate, as Nitrogen	ND	1	0.017	0.1	mg/L	08/23/18	08/23/18 20:43	CO	
Nitrite, as Nitrogen	ND	1	0.013	0.1	mg/L	08/23/18	08/23/18 20:43	CO	
Method: EPA 351.2	Prep Method: Method						QCBatchID: QC1195007		
Total Kjeldahl Nitrogen	**0.592**	1	0.052	0.4	mg/L	08/30/18	08/30/18	TP	
Method: SM 2540-C	Prep Method: Method						QCBatchID: QC1194984		
Total Dissolved Solids	**1740**	2	20	20	mg/L	08/28/18	08/28/18	DXN	
Method: SM 4500-NH3-G	Prep Method: Method						QCBatchID: QC1194958		
Ammonia, as Nitrogen	**0.222**	1	0.01	0.1	mg/L	08/29/18	08/29/18	TP	
Method: SM 4500-NH3-G	Prep Method: SM4500-Norg/Auto						QCBatchID: QC1195007		
Total Kjeldahl Nitrogen	**0.592**	1	0.052	0.4	mg/L	08/30/18	08/30/18	TP	
Method: SM 4500-P-B-5-E	Prep Method: 4500-P-B-5						QCBatchID: QC1195027		
Total Phosphorous as P	**0.404**	1	0.01	0.02	mg/L	08/30/18	08/30/18	TP	
Total Phosphorous as PO4	**1.240**	1	0.03	0.06	mg/L	08/30/18	08/30/18	TP	
Method: sm 9223-B-b	Prep Method: Method						QCBatchID: QC1194815		
Fecal Coliform	**<2**	2			MPN/100ml	08/24/16 12:50	08/25/18	LH	
Total Coliform	**<2**	2			MPN/100ml	08/24/16 12:50	08/25/18	LH	

QCBatchID: QC1194774 **Analyst:** JParedes **Method:** EPA 300.0

Matrix: Water **Analyzed:** 08/23/2018 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1194774MB1					
Chloride	ND	mg/L	0.09	1	
Nitrate + Nitrite, as Nitrogen	**0.0352 J**	mg/L	0.017	0.44	
Nitrate, as Nitrogen	ND	mg/L	0.017	0.1	
Nitrite, as Nitrogen	**0.0352 J**	mg/L	0.013	0.1	
Sulfate	ND	mg/L	0.087	0.5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194774LCS1											
Chloride	100		99.8		mg/L	100			90-110		
Nitrate, as Nitrogen	9.03		9.04		mg/L	100			90-110		
Nitrite, as Nitrogen	9.15		9.18		mg/L	100			90-110		
Sulfate	50		48.9		mg/L	98			90-110		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194774MS1, QC1194774MSD1												**Source: 405813-001**
Chloride	104	100	100	193	193	mg/L	89	89	0.0	80-120	20	
Nitrate, as Nitrogen	ND	9.03	9.03	9.00	8.97	mg/L	100	99	0.3	80-120	20	
Nitrite, as Nitrogen	ND	9.15	9.15	8.46	8.48	mg/L	92	93	0.2	80-120	20	
Sulfate	11.8	50	50	61.5	61.1	mg/L	99	99	0.7	80-120	20	

QCBatchID: QC1194958	Analyst: trinh	Method: SM 4500-NH3-G
Matrix: Water	Analyzed: 08/29/2018	Instrument: CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1194958MB1					
Ammonia, as Nitrogen	ND	mg/L	0.01	0.1	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194958LCS1											
Ammonia, as Nitrogen	5		4.50		mg/L	90			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194958MS1, QC1194958MSD1												**Source: 405807-002**
Ammonia, as Nitrogen	0.222	5	5	5.60	5.58	mg/L	108	107	0.4	80-120	20	

QCBatchID: QC1194984 **Analyst:** tdang **Method:** SM 2540-C

Matrix: Water **Analyzed:** 08/28/2018 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1194984MB1					
Total Dissolved Solids	ND	mg/L	10	10	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194984LCS1											
Total Dissolved Solids	3000		3010		mg/L	100			90-110		

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1194984DUP1						**Source: 405811-001**
Total Dissolved Solids	20500	20300	mg/L	1.0	5	

QCBatchID: QC1195007 **Analyst:** trinh **Method:** SM 4500-NH3-G

Matrix: Water **Analyzed:** 08/30/2018 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1195007MB1					
Total Kjeldahl Nitrogen	ND	mg/L	0.052	0.4	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1195007LCS1											
Total Kjeldahl Nitrogen	2.5		2.4		mg/L	96			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1195007MS1, QC1195007MSD1												**Source: 405850-001**
Total Kjeldahl Nitrogen	0.287	12.5	12.5	11	12	mg/L	86	94	8.7	80-120	20	

QCBatchID: QC1195027	**Analyst:** tdang	**Method:** SM 4500-P-B-5-E	
Matrix: Water	**Analyzed:** 08/30/2018	**Instrument:** CHEM (group)	

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1195027MB1					
Total Phosphorous as P	ND	mg/L	0.01	0.02	
Total Phosphorous as PO4	ND	mg/L	0.03	0.06	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1195027LCS1											
Total Phosphorous as P	0.4		0.402		mg/L	101			80-120		
Total Phosphorous as PO4	1.23		1.230		mg/L	100			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1195027MS1, QC1195027MSD1												**Source: 405783-003**
Total Phosphorous as P	0.372	0.4	0.4	0.700	0.700	mg/L	82	82	0.0	75-125	20	
Total Phosphorous as PO4	1.140	1.23	1.23	2.14	2.14	mg/L	81	81	0.0	75-125	20	

Data Qualifiers and Definitions

Qualifiers

A	See Report Comments.
B	Analyte was present in an associated method blank.
B1	Analyte was present in a sample and associated method blank greater than MDL but less than RDL.
BQ1	No valid test replicates. Sample Toxicity is possible. Best result was reported.
BQ2	No valid test replicates.
BQ3	No valid test replicates. Final DO is less than 1.0 mg/L. Result may be greater.
BQ4	Minor Dissolved Oxygen loss was observed in the blank water check, however, the LCS was within criteria, validating the batch.
BQ5	Minor Dissolved Oxygen loss was observed in the blank water check.
C	Possible laboratory contamination.
D	RPD was not within control limits. The sample data was reported without further clarification.
D1	Lesser amount of sample was used due to insufficient amount of sample supplied.
D2	Reporting limit is elevated due to sample matrix. Target analyte was not detected above the elevated reporting limit.
D3	Insufficient sample was supplied for TCLP. Client was notified. TCLP was performed per the Client's instructions.
DW	Sample result is calculated on a dry weigh basis.
E	Concentration is estimated because it exceeds the quantification limits of the method.
I	The sample was read outside of the method required incubation period.
IR	Inconclusive Result. Legionella is present, however, there is possible non-specific agglutination preventing specific identification.
J	Reported value is estimated
L	The laboratory control sample (LCS) or laboratory control sample duplicate (LCSD) was out of control limits. Associated sample data was reported with qualifier.
L2	LCS did not meet recovery criteria, however, the MS and/or MSD met LCS recovery criteria, validating the batch.
M	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits due to matrix interference. The associated LCS and/or LCSD was within control limits and the sample data was reported without further clarification.
M1	The matrix spike (MS) or matrix spike duplicate (MSD) is not within control limits due to matrix interference.
M2	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits. The associated LCS and/or LCSD was not within control limits. Sample result is estimated.
N1	Sample chromatography does not match the specified TPH standard pattern.
NC	The analyte concentration in the sample exceeded the spike level by a factor of four or greater, spike recovery and limits do not apply.
P	Sample was received without proper preservation according to EPA guidelines.
P1	Temperature of sample storage refrigerator was out of acceptance limits.
P2	The sample was preserved within 24 hours of collection in accordance with EPA 218.6.
P3	Per Client request, sample was composited for volatile analysis. Sample compositing for volatile analysis is not recommended due to potential loss of target analytes. Results may be biased low.
Q1	Analyte Calibration Verification exceeds criteria. The result is estimated.
Q2	Analyte calibration was not verified and the result was estimated.
Q3	Analyte initial calibration was not available or exceeds criteria. The result was estimated.
S	The surrogate recovery was out of control limits due to matrix interference. The associated method blank surrogate recovery was within control limits and the sample data was reported without further clarification.
S1	The associated surrogate recovery was out of control limits; result is estimated.
S2	The surrogate was diluted out due to the presence of high concentrations of target and/or non-target compounds. Surrogate recoveries in the associated batch QC met recovery criteria.
S3	Internal Standard did not meet recovery limits. Analyte concentration is estimated.
T	Sample was extracted/analyzed past the holding time.
T1	Reanalysis was reported past hold time due to failing replicates in the original analysis (BOD only).
T2	Sample was analyzed ASAP but received and analyzed past the 15 minute holding time.
T3	Sample received and analyzed out of hold time per client's request.
T4	Sample was analyzed out of hold time per client's request.
T5	Reanalysis was reported past hold time. The original analysis was within hold time, but not reportable.
T6	Hold time is indeterminable due to unspecified sampling time.
T7	Sample was analyzed past hold time due to insufficient time remaining at time of receipt.

Definitions

DF	Dilution Factor
MDL	Method Detection Limit. Result is reported ND when it is less than or equal to MDL.
ND	Analyte was not detected or was less than the detection limit.
NR	Not Reported. See Report Comments.
RDL	Reporting Detection Limit
TIC	Tentatively Identified Compounds

ENTHALPHY ANALYTICAL, INC.	Chain of Custody Record				Turn Around Time (Rush by advanced notice only)					
931 W. Barkley Ave., Orange, CA 92868	Lab No: 405807				Standard:	X	4 Day:		3 Day:	
Phone: (714) 771-6900 Fax: (714) 538-1209	Page: 1	of	1		2 Day:		1 Day:		Same Day:	
Billing: Enthalpy - SoCal	Matrix: A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other				Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other					
c/o Montrose Environmental Group										
1 Park Plaza, Suite 1000, Irvine, CA 92614										

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Rincon Consultants	Name:	Malibu - Annual
Report To:	Kiernan Brtalik	Number:	See Project Quote
Email:		P.O. #:	
Address:	180 N. Ashwood Ave.	Address:	
	Ventura, CA 93003		
Phone:		Global ID:	
Cell:		Sampled By:	P. Doran

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Total /Fecal Coliforms - SM 9223 Quantitray	TKN; NH3; Organic Nitrogen (Calculation)	EPA 300.0 (NO2,NO3)	Total Phosphorus	SM 2540C TDS					Test Instructions / Comments
SMBRP-13	8.23.18	1220	W	1 / 100mL	NA	X	X	X	X	X		PD			
~~MCWP-MW10~~						X	X	X	X	X			PD		
~~SCPE~~						X	X	X	X	X			PD		
~~MBCMW-9~~						X	X	X	X	X			PD		
~~SMBRP-7B~~						X	X	X	X	X			PD		
~~MCWP-MW05~~						X	X	X	X	X				PD	
MCWP-MW06	8.23.18	0930	W	4 / various	various	X	X	X	X	X					

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Peter Doran	Rincon	8.23.18 / 1345
[1] Received By:			Enthalpy	8/23/18 1346
[2] Relinquished By:			Enthalpy	8/23/18 1622
[2] Received By:			EA	08/23/18 1622
[3] Relinquished By:				

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Rincon

Project: Malibu - Annual

Date Received: 8/23/18

Sampler's Name Present: ☒ Yes ~~☐ No~~ 8/23/18

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 1 ☐ No (skip section 2)

Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 4.2 #2: _____ #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: _____

Section 3

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 1.3 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?	✓		
Are custody seals present?		✓	
If custody seals are present, were they intact?			✓
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)	✓	~~✓~~	
Did all samples arrive intact? If no, indicate in Section 4 below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were the samples collected in the correct containers for the required tests?	✓		
Are the containers labeled with the correct preservatives?	✓		
Is there headspace in the VOA vials greater than 5-6 mm in diameter?		✓	
Was a sufficient amount of sample submitted for the requested tests?	✓		

8/8/23

Section 5 Explanations/Comments

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____

☐ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: 08/23/18

Enthalpy Analytical, LLC
931 W. Barkley Ave - Orange, CA 92868
Tel: (714)771-6900 Fax: (714)538-1209
www.enthalpy.com
info-sc@enthalpy.com

MONTROSE ENVIRONMENTAL

Client: Rincon Consultants - Ventura
Address: 180 North Ashwood Ave.
Ventura, CA 93003

Attn: Kiernan Brtalik

Lab Request: 405808
Report Date: 09/21/2018
Date Received: 08/23/2018
Client ID: 15888

Comments: Malibu - Annual

This report contains all work performed directly by Enthalpy analytical plus all subcontract analyses except for EPA 1694M.

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods. Methods accredited by NELAC are indicated on the report. This cover letter is an integral part of the final report.

Sample #	Client Sample ID
405808-001	SMBRP-9
405808-002	MCWP-MW04D

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

Ranjit K. K. Clarke

Report Review performed by: Ranjit Clarke, Project Manager

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 60 days from date received.

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ACCREDITED IN ACCORDANCE WITH nelac

Matrix: Water **Client:** Rincon Consultants - Ventura **Collector:** Client
Sampled: 08/23/2018 08:30 **Site:**
Sample #: 405808-001 **Client Sample #:** SMBRP-9 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024 Prep Method: None							QCBatchID:		
Total Organic Nitrogen	ND	1	0.04	0.5	mg/L		08/31/18	SLL	
Method: ALCH 4025 Prep Method: None							QCBatchID:		
Total Nitrogen	**17.7**	1	0.1	0.5	mg/L		08/31/18	SLL	
Method: EPA 100.1 Prep Method: Method							QCBatchID:		
See Attached		1							
Method: EPA 1613B Prep Method: See Attached							QCBatchID:		
See Attached		1							
Method: EPA 1625C Prep Method: Method							QCBatchID:		
See Attached		1							
Method: EPA 1664A Prep Method: Method							QCBatchID:		
See Attached		1							
Method: EPA 200.7 Prep Method: EPA 200.7							QCBatchID:		QC1194826
Boron	**0.628**	1	0.009	0.05	mg/L	08/27/18	08/27/18	KLN	
Calcium	**48.7**	1	0.038	0.1	mg/L	08/27/18	08/27/18	KLN	
Iron	**0.177**	1	0.012	0.02	mg/L	08/27/18	08/27/18	KLN	
Magnesium	**160**	1	0.016	0.1	mg/L	08/27/18	08/27/18	KLN	
Manganese	**0.003 J**	1	0.001	0.01	mg/L	08/27/18	08/27/18	KLN	J
Potassium	**1.74**	1	0.24	0.5	mg/L	08/27/18	08/27/18	KLN	
Sodium	**393**	1	0.15	0.5	mg/L	08/27/18	08/27/18	KLN	
Method: EPA 200.8 Prep Method: Method							QCBatchID:		QC1194832
Arsenic	**1.12 J**	1	0.31	2	ug/L	08/27/18	08/27/18	CO	J
See Attached		1							
Selenium	**3.01**	1	0.39	2	ug/L	08/27/18	08/30/18	CO	
Zinc	**9.84 J**	1	2.7	10	ug/L	08/27/18	08/27/18	CO	J
Method: EPA 218.6 Prep Method: Method							QCBatchID:		
See Attached		1							
Method: EPA 245.1 Prep Method: Method							QCBatchID:		
See Attached		1							
Method: EPA 300.0 Prep Method: Method							QCBatchID:		QC1194774
Chloride	**200**	10	0.9	10	mg/L	08/23/18	08/27/18 22:24	CO	
Nitrate + Nitrite, as Nitrogen	**17.7**	1	0.017	0.1	mg/L	08/23/18	08/23/18 21:00	CO	
Nitrate, as Nitrogen	**17.7**	1	0.017	0.1	mg/L	08/23/18	08/23/18 21:00	CO	
Nitrite, as Nitrogen	ND	1	0.013	0.1	mg/L	08/23/18	08/23/18 21:00	CO	
Sulfate	**329**	10	0.87	10	mg/L	08/23/18	08/27/18 22:24	CO	
Method: EPA 300.1 Prep Method: Method							QCBatchID:		
See Attached		1							
Method: EPA 314.0 Prep Method: Method							QCBatchID:		QC1194912
Perchlorate	ND	1	1.1	2	ug/L	08/28/18	08/28/18	CO	
Method: EPA 504.1 Prep Method: Method							QCBatchID:		
See Attached		1							
Method: EPA 508 Prep Method: Method							QCBatchID:		
See Attached		1							
Method: EPA 515.3 Prep Method: Method							QCBatchID:		
See Attached		1							
Method: EPA 524.2 Prep Method: 5030B							QCBatchID:		QC1194797
1,1,1-Trichloroethane	ND	1	0.119	0.5	ug/L		08/24/18	LZ	
1,1,2,2-Tetrachloroethane	ND	1	0.223	0.5	ug/L		08/24/18	LZ	
1,1,2-Trichloroethane	ND	1	0.136	0.5	ug/L		08/24/18	LZ	
1,1,2-Trichlorotrifluoroethane	ND	1	0.134	0.5	ug/L		08/24/18	LZ	
1,1-Dichloroethane	ND	1	0.109	0.5	ug/L		08/24/18	LZ	

Matrix:	Water	**Client:**	Rincon Consultants - Ventura	**Collector:**	Client
Sampled:	08/23/2018 08:30	**Site:**			
Sample #:	**405808-001**	**Client Sample #:**	SMBRP-9	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
1,1-Dichloroethene	ND	1	0.144	0.5	ug/L		08/24/18	LZ	
1,2,4-Trichlorobenzene	ND	1	0.162	0.5	ug/L		08/24/18	LZ	
1,2-Dichlorobenzene	ND	1	0.161	0.5	ug/L		08/24/18	LZ	
1,2-Dichloroethane	ND	1	0.113	0.5	ug/L		08/24/18	LZ	
1,2-Dichloropropane	ND	1	0.197	0.5	ug/L		08/24/18	LZ	
1,3-Dichlorobenzene	ND	1	0.176	0.5	ug/L		08/24/18	LZ	
1,4-Dichlorobenzene	ND	1	0.185	0.5	ug/L		08/24/18	LZ	
Benzene	**0.40 J**	1	0.124	0.5	ug/L		08/24/18	LZ	J
Bromodichloromethane	ND	1	0.161	0.5	ug/L		08/24/18	LZ	
Bromoform	ND	1	0.142	0.5	ug/L		08/24/18	LZ	
Bromomethane	ND	1	0.185	0.5	ug/L		08/24/18	LZ	
Carbon Tetrachloride	ND	1	0.115	0.5	ug/L		08/24/18	LZ	
Chlorobenzene	ND	1	0.131	0.5	ug/L		08/24/18	LZ	
Chlorodibromomethane	ND	1	0.13	0.5	ug/L		08/24/18	LZ	
Chloroethane	ND	1	0.4	0.5	ug/L		08/24/18	LZ	
Chloroform	**0.38 J**	1	0.103	0.5	ug/L		08/24/18	LZ	J
Chloromethane	ND	1	0.095	0.5	ug/L		08/24/18	LZ	
cis-1,2-Dichloroethene	ND	1	0.114	0.5	ug/L		08/24/18	LZ	
cis-1,3-dichloropropene	ND	1	0.107	0.5	ug/L		08/24/18	LZ	
Ethylbenzene	ND	1	0.149	0.5	ug/L		08/24/18	LZ	
m and p-Xylene	**0.38 J**	1	0.278	0.5	ug/L		08/24/18	LZ	J
Methylene chloride	ND	1	0.155	0.5	ug/L		08/24/18	LZ	
Methyl-t-butyl Ether (MTBE)	ND	1	0.15	0.5	ug/L		08/24/18	LZ	
Styrene	ND	1	0.108	0.5	ug/L		08/24/18	LZ	
Tetrachloroethene	ND	1	0.372	0.5	ug/L		08/24/18	LZ	
Toluene	**0.72**	1	0.142	0.5	ug/L		08/24/18	LZ	
trans-1,2-dichloroethene	ND	1	0.112	0.5	ug/L		08/24/18	LZ	
trans-1,3-dichloropropene	ND	1	0.148	0.5	ug/L		08/24/18	LZ	
Trichloroethene	ND	1	0.239	0.5	ug/L		08/24/18	LZ	
Trichlorofluoromethane	ND	1	0.097	0.5	ug/L		08/24/18	LZ	
Vinyl Chloride	ND	1	0.06	0.5	ug/L		08/24/18	LZ	

Method: EPA 525.2	Prep Method: Method		QCBatchID:
See Attached		1	

Method: EPA 531.1	Prep Method: Method		QCBatchID:
See Attached		1	

Method: EPA 547	Prep Method: Method		QCBatchID:
See Attached		1	

Method: EPA 548.1	Prep Method: Method		QCBatchID:
See Attached		1	

Method: EPA 549.2	Prep Method: Method		QCBatchID:
See Attached		1	

Method: EPA 552.2	Prep Method: See Attached		QCBatchID:
See Attached		1	

Method: EPA 624	Prep Method: 5030B						QCBatchID:	QC1194796
2-Chloroethyl Vinyl Ether	ND	1	0.23	5	ug/L		08/24/18	LZ
Acrolein	ND	1	3.3	5	ug/L		08/24/18	LZ
Acrylonitrile	ND	1	1.6	2	ug/L		08/24/18	LZ

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*103*	*70-135*	
4-Bromofluorobenzene (SUR)	*104*	*70-135*	
Dibromofluoromethane (SUR)	*99*	*70-135*	
Toluene-d8 (SUR)	*100*	*70-135*	

Matrix: Water	**Client:** Rincon Consultants - Ventura		**Collector:** Client		
Sampled: 08/23/2018 08:30	**Site:**				
Sample #: **405808-001**	**Client Sample #:** SMBRP-9		**Sample Type:**		

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 625	Prep Method: See Attached						QCBatchID:		
See Attached		1							
Method: EPA 900.0	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 903.1	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 904.0	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 905.0	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 906.0	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 908.0	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: SM 2120-B	Prep Method: Method						QCBatchID:		QC1194746
Color	ND	1	5	5	Color Unit		08/23/18 16:30	WW	
Method: SM 2130-B	Prep Method: Method						QCBatchID:		QC1194748
Turbidity	ND	1	0.1	0.1	NTU		08/23/18 16:30	WW	
Method: SM 2150-B	Prep Method: Method						QCBatchID:		QC1194747
Odor Threshold	ND	1	1	1	T.O.N		08/23/18 16:30	WW	
Method: SM 2320-B	Prep Method: Method						QCBatchID:		QC1194909
Total Alkalinity (as CaCO3)	**870**	5	25	25	mg/L		08/28/18	WW	
Method: SM 2330B	Prep Method: Method						QCBatchID:		QC1195039
CCPP	**0.26**	1					08/31/18	SLL	
Method: SM 2540-C	Prep Method: Method						QCBatchID:		QC1194984
Total Dissolved Solids	**1770**	2	20	20	mg/L	08/28/18	08/28/18	DXN	
Method: SM 2540-D	Prep Method: SM 2540-D						QCBatchID:		QC1194902
Total Suspended Solids	**19.2**	1	0.5	0.5	mg/L	08/28/18	08/28/18	TP	
Method: SM 4500-Cl	Prep Method: Method						QCBatchID:		QC1194750
Chlorine, Total Residual	ND	1	0.01	0.1	mg/L		08/23/18 17:08	WW	T2
Method: SM 4500-CN-E	Prep Method: Method						QCBatchID:		QC1194786
Cyanide	ND	1	0.002	0.01	mg/L	08/24/18	08/28/18	TP	
Method: SM 4500-F-C	Prep Method: Method						QCBatchID:		QC1194883
Fluoride	**1.15**	1	0.005	0.1	mg/L		08/27/18	WW	
Method: SM 4500-H+B	Prep Method: Method						QCBatchID:		QC1194745
pH	**7.26**	1			pH Units		08/23/18 17:00	WW	T2
Method: SM 4500-NH3-G	Prep Method: Method						QCBatchID:		QC1194960
Ammonia, as Nitrogen	ND	1	0.01	0.1	mg/L	08/29/18	08/29/18	TP	
Method: SM 4500-NH3-G	Prep Method: SM4500-Norg/Auto						QCBatchID:		QC1195007
Total Kjeldahl Nitrogen	ND	1	0.052	0.4	mg/L	08/30/18	08/30/18	TP	
Method: SM 4500-P-B-5-E	Prep Method: 4500-P-B-5						QCBatchID:		QC1195027
Total Phosphorous as P	**0.370**	1	0.01	0.02	mg/L	08/30/18	08/30/18	TP	
Total Phosphorous as PO4	**1.130**	1	0.03	0.06	mg/L	08/30/18	08/30/18	TP	
Method: SM 5210-B	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: SM 5310B	Prep Method: Method						QCBatchID:		QC1194795
Total Organic Carbon (TOC)	**19.3**	1	0.203	1	mg/L	08/24/18	08/24/18	TP	
Method: SM 5540-C	Prep Method: Method						QCBatchID:		QC1194831
MBAS	ND	1	0.018	0.04	mg/L	08/24/18 08:45	08/24/18 22:15	TP	

Matrix:	Water	**Client:**	Rincon Consultants - Ventura	**Collector:**	Client
Sampled:	08/23/2018 08:30	**Site:**			
Sample #:	**405808-001**	**Client Sample #:**	SMBRP-9	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: sm 9223-B-b	Prep Method: Method						QCBatchID: QC1194815		
Fecal Coliform	**<2**	2			MPN/100ml	08/24/16 12:50	08/25/18	LH	
Total Coliform	**>4800**	2			MPN/100ml	08/24/16 12:50	08/25/18	LH	

Matrix: Water **Client:** Rincon Consultants - Ventura **Collector:** Client
Sampled: 08/23/2018 12:00 **Site:**
Sample #: **405808-002** **Client Sample #:** MCWP-MW04D **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024 Prep Method: None							QCBatchID:		
Total Organic Nitrogen	ND	1	0.04	0.5	mg/L		08/31/18	SLL	
Method: ALCH 4025 Prep Method: None							QCBatchID:		
Total Nitrogen	**1.66**	1	0.1	0.5	mg/L		08/31/18	SLL	
Method: EPA 100.1 Prep Method: Method							QCBatchID:		
See Attached		1							
Method: EPA 1613B Prep Method: See Attached							QCBatchID:		
See Attached		1							
Method: EPA 1625C Prep Method: Method							QCBatchID:		
See Attached		1							
Method: EPA 1664A Prep Method: Method							QCBatchID:		
See Attached		1							
Method: EPA 200.7 Prep Method: EPA 200.7							QCBatchID:		QC1194826
Boron	**0.846**	1	0.009	0.05	mg/L	08/27/18	08/27/18	KLN	
Calcium	**181**	1	0.038	0.1	mg/L	08/27/18	08/27/18	KLN	
Iron	**0.057**	1	0.012	0.02	mg/L	08/27/18	08/27/18	KLN	
Magnesium	**102**	1	0.016	0.1	mg/L	08/27/18	08/27/18	KLN	
Manganese	**0.010**	1	0.001	0.01	mg/L	08/27/18	08/27/18	KLN	
Potassium	**2.91**	1	0.24	0.5	mg/L	08/27/18	08/27/18	KLN	
Sodium	**175**	1	0.15	0.5	mg/L	08/27/18	08/27/18	KLN	
Method: EPA 200.8 Prep Method: Method							QCBatchID:		QC1194832
Arsenic	**0.743 J**	1	0.31	2	ug/L	08/27/18	08/27/18	CO	J
See Attached		1							
Selenium	**2.23**	1	0.39	2	ug/L	08/27/18	08/30/18	CO	
Zinc	**7.95 J**	1	2.7	10	ug/L	08/27/18	08/27/18	CO	J
Method: EPA 218.6 Prep Method: Method							QCBatchID:		
See Attached		1							
Method: EPA 245.1 Prep Method: Method							QCBatchID:		
See Attached		1							
Method: EPA 300.0 Prep Method: Method							QCBatchID:		QC1194774
Chloride	**238**	10	0.9	10	mg/L	08/23/18	08/27/18 22:42	CO	
Nitrate + Nitrite, as Nitrogen	**1.66**	1	0.017	0.1	mg/L	08/23/18	08/23/18 21:18	CO	
Nitrate, as Nitrogen	**1.66**	1	0.017	0.1	mg/L	08/23/18	08/23/18 21:18	CO	
Nitrite, as Nitrogen	ND	1	0.013	0.1	mg/L	08/23/18	08/23/18 21:18	CO	
Sulfate	**539**	10	0.87	10	mg/L	08/23/18	08/27/18 22:42	CO	
Method: EPA 300.1 Prep Method: Method							QCBatchID:		
See Attached		1							
Method: EPA 314.0 Prep Method: Method							QCBatchID:		QC1194912
Perchlorate	ND	1	1.1	2	ug/L	08/28/18	08/28/18	CO	
Method: EPA 504.1 Prep Method: Method							QCBatchID:		
See Attached		1							
Method: EPA 508 Prep Method: Method							QCBatchID:		
See Attached		1							
Method: EPA 515.3 Prep Method: Method							QCBatchID:		
See Attached		1							
Method: EPA 524.2 Prep Method: 5030B							QCBatchID:		QC1194797
1,1,1-Trichloroethane	ND	1	0.119	0.5	ug/L		08/24/18	LZ	
1,1,2,2-Tetrachloroethane	ND	1	0.223	0.5	ug/L		08/24/18	LZ	
1,1,2-Trichloroethane	ND	1	0.136	0.5	ug/L		08/24/18	LZ	
1,1,2-Trichlorotrifluoroethane	ND	1	0.134	0.5	ug/L		08/24/18	LZ	
1,1-Dichloroethane	ND	1	0.109	0.5	ug/L		08/24/18	LZ	

Matrix: Water **Client:** Rincon Consultants - Ventura **Collector:** Client
Sampled: 08/23/2018 12:00 **Site:**
Sample #: **405808-002** **Client Sample #:** MCWP-MW04D **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
1,1-Dichloroethene	ND	1	0.144	0.5	ug/L		08/24/18	LZ	
1,2,4-Trichlorobenzene	ND	1	0.162	0.5	ug/L		08/24/18	LZ	
1,2-Dichlorobenzene	ND	1	0.161	0.5	ug/L		08/24/18	LZ	
1,2-Dichloroethane	ND	1	0.113	0.5	ug/L		08/24/18	LZ	
1,2-Dichloropropane	ND	1	0.197	0.5	ug/L		08/24/18	LZ	
1,3-Dichlorobenzene	ND	1	0.176	0.5	ug/L		08/24/18	LZ	
1,4-Dichlorobenzene	ND	1	0.185	0.5	ug/L		08/24/18	LZ	
Benzene	ND	1	0.124	0.5	ug/L		08/24/18	LZ	
Bromodichloromethane	ND	1	0.161	0.5	ug/L		08/24/18	LZ	
Bromoform	ND	1	0.142	0.5	ug/L		08/24/18	LZ	
Bromomethane	ND	1	0.185	0.5	ug/L		08/24/18	LZ	
Carbon Tetrachloride	ND	1	0.115	0.5	ug/L		08/24/18	LZ	
Chlorobenzene	ND	1	0.131	0.5	ug/L		08/24/18	LZ	
Chlorodibromomethane	ND	1	0.13	0.5	ug/L		08/24/18	LZ	
Chloroethane	ND	1	0.4	0.5	ug/L		08/24/18	LZ	
Chloroform	ND	1	0.103	0.5	ug/L		08/24/18	LZ	
Chloromethane	ND	1	0.095	0.5	ug/L		08/24/18	LZ	
cis-1,2-Dichloroethene	ND	1	0.114	0.5	ug/L		08/24/18	LZ	
cis-1,3-dichloropropene	ND	1	0.107	0.5	ug/L		08/24/18	LZ	
Ethylbenzene	ND	1	0.149	0.5	ug/L		08/24/18	LZ	
m and p-Xylene	ND	1	0.278	0.5	ug/L		08/24/18	LZ	
Methylene chloride	ND	1	0.155	0.5	ug/L		08/24/18	LZ	
Methyl-t-butyl Ether (MTBE)	ND	1	0.15	0.5	ug/L		08/24/18	LZ	
Styrene	ND	1	0.108	0.5	ug/L		08/24/18	LZ	
Tetrachloroethene	ND	1	0.372	0.5	ug/L		08/24/18	LZ	
Toluene	ND	1	0.142	0.5	ug/L		08/24/18	LZ	
trans-1,2-dichloroethene	ND	1	0.112	0.5	ug/L		08/24/18	LZ	
trans-1,3-dichloropropene	ND	1	0.148	0.5	ug/L		08/24/18	LZ	
Trichloroethene	ND	1	0.239	0.5	ug/L		08/24/18	LZ	
Trichlorofluoromethane	ND	1	0.097	0.5	ug/L		08/24/18	LZ	
Vinyl Chloride	ND	1	0.06	0.5	ug/L		08/24/18	LZ	

Method: EPA 525.2 Prep Method: Method QCBatchID:

See Attached		1							

Method: EPA 531.1 Prep Method: Method QCBatchID:

See Attached		1							

Method: EPA 547 Prep Method: Method QCBatchID:

See Attached		1							

Method: EPA 548.1 Prep Method: Method QCBatchID:

See Attached		1							

Method: EPA 549.2 Prep Method: Method QCBatchID:

See Attached		1							

Method: EPA 552.2 Prep Method: See Attached QCBatchID:

See Attached		1							

Method: EPA 624 Prep Method: 5030B QCBatchID: QC1194796

2-Chloroethyl Vinyl Ether	ND	1	0.23	5	ug/L		08/24/18	LZ	
Acrolein	ND	1	3.3	5	ug/L		08/24/18	LZ	
Acrylonitrile	ND	1	1.6	2	ug/L		08/24/18	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*97*	*70-135*	
4-Bromofluorobenzene (SUR)	*119*	*70-135*	
Dibromofluoromethane (SUR)	*101*	*70-135*	
Toluene-d8 (SUR)	*101*	*70-135*	

Matrix: Water	**Client:** Rincon Consultants - Ventura		**Collector:** Client		
Sampled: 08/23/2018 12:00	**Site:**				
Sample #: **405808-002**	**Client Sample #:** MCWP-MW04D		**Sample Type:**		

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 625	Prep Method: See Attached						QCBatchID:		
See Attached		1							
Method: EPA 900.0	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 903.1	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 904.0	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 905.0	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 906.0	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: EPA 908.0	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: SM 2120-B	Prep Method: Method						QCBatchID:		QC1194746
Color	ND	1	5	5	Color Unit		08/23/18 16:30	WW	
Method: SM 2130-B	Prep Method: Method						QCBatchID:		QC1194748
Turbidity	**0.12**	1	0.1	0.1	NTU		08/23/18 16:30	WW	
Method: SM 2150-B	Prep Method: Method						QCBatchID:		QC1194747
Odor Threshold	ND	1	1	1	T.O.N		08/23/18 16:30	WW	
Method: SM 2320-B	Prep Method: Method						QCBatchID:		QC1194909
Total Alkalinity (as CaCO3)	**290**	2.5	12.5	12.5	mg/L		08/28/18	WW	
Method: SM 2330B	Prep Method: Method						QCBatchID:		QC1195039
CCPP	**0.33**	1					08/31/18	SLL	
Method: SM 2540-C	Prep Method: Method						QCBatchID:		QC1194984
Total Dissolved Solids	**1610**	2	20	20	mg/L	08/28/18	08/28/18	DXN	
Method: SM 2540-D	Prep Method: SM 2540-D						QCBatchID:		QC1194902
Total Suspended Solids	**1.5**	1	0.5	0.5	mg/L	08/28/18	08/28/18	TP	
Method: SM 4500-Cl	Prep Method: Method						QCBatchID:		QC1194750
Chlorine, Total Residual	ND	1	0.01	0.1	mg/L		08/23/18 17:08	WW	T2
Method: SM 4500-CN-E	Prep Method: Method						QCBatchID:		QC1194786
Cyanide	ND	1	0.002	0.01	mg/L	08/24/18	08/28/18	TP	
Method: SM 4500-F-C	Prep Method: Method						QCBatchID:		QC1194883
Fluoride	**0.532**	1	0.005	0.1	mg/L		08/27/18	WW	
Method: SM 4500-H+B	Prep Method: Method						QCBatchID:		QC1194745
pH	**7.23**	1			pH Units		08/23/18 17:00	WW	T2
Method: SM 4500-NH3-G	Prep Method: Method						QCBatchID:		QC1194960
Ammonia, as Nitrogen	ND	1	0.01	0.1	mg/L	08/29/18	08/29/18	TP	
Method: SM 4500-NH3-G	Prep Method: SM4500-Norg/Auto						QCBatchID:		QC1195007
Total Kjeldahl Nitrogen	ND	1	0.052	0.4	mg/L	08/30/18	08/30/18	TP	
Method: SM 4500-P-B-5-E	Prep Method: 4500-P-B-5						QCBatchID:		QC1195027
Total Phosphorous as P	**0.140**	1	0.01	0.02	mg/L	08/30/18	08/30/18	TP	
Total Phosphorous as PO4	**0.429**	1	0.03	0.06	mg/L	08/30/18	08/30/18	TP	
Method: SM 5210-B	Prep Method: Method						QCBatchID:		
See Attached		1							
Method: SM 5310B	Prep Method: Method						QCBatchID:		QC1194795
Total Organic Carbon (TOC)	**5.92**	1	0.203	1	mg/L	08/24/18	08/24/18	TP	
Method: SM 5540-C	Prep Method: Method						QCBatchID:		QC1194831
MBAS	ND	1	0.018	0.04	mg/L	08/24/18 08:45	08/24/18 22:15	TP	

Matrix:	Water	**Client:**	Rincon Consultants - Ventura	**Collector:**	Client
Sampled:	08/23/2018 12:00	**Site:**			
Sample #:	**405808-002**	**Client Sample #:**	MCWP-MW04D	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: sm 9223-B-b	Prep Method: Method						QCBatchID: QC1194815		
Fecal Coliform	**<2**	2			MPN/100ml	08/24/16 12:50	08/25/18	LH	
Total Coliform	**<2**	2			MPN/100ml	08/24/16 12:50	08/25/18	LH	

QCBatchID:	**QC1194745**	**Analyst:**	wei	**Method:**	SM 4500-H+B
Matrix:	Water	**Analyzed:**	08/23/2018	**Instrument:**	CHEM (group)

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1194745DUP1						**Source: 405812-001**
pH	7.40	7.39	pH Units	0.1	20	

QCBatchID:	**QC1194746**	**Analyst:**	wei	**Method:**	SM 2120-B
Matrix:	Water	**Analyzed:**	08/23/2018	**Instrument:**	CHEM (group)

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1194746DUP1						**Source: 405812-001**
Color	ND	ND	Color Unit	0.0	20	

QCBatchID:	**QC1194747**	**Analyst:**	wei	**Method:**	SM 2150-B
Matrix:	Water	**Analyzed:**	08/23/2018	**Instrument:**	CHEM (group)

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1194747DUP1						**Source: 405812-001**
Odor Threshold	ND	ND	T.O.N	0.0	20	

QCBatchID:	**QC1194748**	**Analyst:**	wei	**Method:**	SM 2130-B
Matrix:	Water	**Analyzed:**	08/23/2018	**Instrument:**	CHEM (group)

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1194748DUP1						**Source: 405812-001**
Turbidity	ND	ND	NTU	0.0	20	

QCBatchID: QC1194750	**Analyst:** wei		**Method:** SM 4500-Cl		
Matrix: Water	**Analyzed:** 08/23/2018		**Instrument:** CHEM (group)		

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1194750MB1					
Chlorine, Total Residual	ND	mg/L	0.01	0.1	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194750LCS1											
Chlorine, Total Residual	1		0.95		mg/L	95			80-120		

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1194750DUP1						**Source: 405803-001**
Chlorine, Total Residual	ND	ND	mg/L	0.0	20	

QCBatchID: QC1194774 **Analyst:** JParedes **Method:** EPA 300.0

Matrix: Water **Analyzed:** 08/23/2018 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1194774MB1					
Chloride	ND	mg/L	0.09	1	
Nitrate + Nitrite, as Nitrogen	**0.0352 J**	mg/L	0.017	0.44	
Nitrate, as Nitrogen	ND	mg/L	0.017	0.1	
Nitrite, as Nitrogen	**0.0352 J**	mg/L	0.013	0.1	
Sulfate	ND	mg/L	0.087	0.5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194774LCS1											
Chloride	100		99.8		mg/L	100			90-110		
Nitrate, as Nitrogen	9.03		9.04		mg/L	100			90-110		
Nitrite, as Nitrogen	9.15		9.18		mg/L	100			90-110		
Sulfate	50		48.9		mg/L	98			90-110		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194774MS1, QC1194774MSD1												**Source: 405813-001**
Chloride	104	100	100	193	193	mg/L	89	89	0.0	80-120	20	
Nitrate, as Nitrogen	ND	9.03	9.03	9.00	8.97	mg/L	100	99	0.3	80-120	20	
Nitrite, as Nitrogen	ND	9.15	9.15	8.46	8.48	mg/L	92	93	0.2	80-120	20	
Sulfate	11.8	50	50	61.5	61.1	mg/L	99	99	0.7	80-120	20	

QCBatchID: QC1194786 **Analyst:** trinh **Method:** SM 4500-CN-E

Matrix: Water **Analyzed:** 08/24/2018 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1194786MB1					
Cyanide	ND	mg/L	0.002	0.01	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194786LCS1											
Cyanide	0.2		0.20		mg/L	100			85-115		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194786MS1, QC1194786MSD1												**Source: 405808-001**
Cyanide	ND	0.2	0.2	0.19	0.19	mg/L	95	95	0.0	80-120	20	

QCBatchID: QC1194795 **Analyst:** tdang **Method:** SM 5310B

Matrix: Water **Analyzed:** 08/24/2018 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1194795MB1					
Total Organic Carbon (TOC)	ND	mg/L	0.203	1	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194795LCS1											
Total Organic Carbon (TOC)	10		10.5		mg/L	105			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194795MS1, QC1194795MSD1												**Source: 405649-001**
Total Organic Carbon (TOC)	0.85	20	20	19.6	20.1	mg/L	94	96	2.5	80-120	20	

QCBatchID: QC1194796 **Analyst:** lucy **Method:** EPA 624

Matrix: Water **Analyzed:** 08/24/2018 **Instrument:** VOA-MS (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1194796MB1					
1,1,1-Trichloroethane	ND	ug/L	0.063	0.5	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.063	0.5	
1,1,2-Trichloroethane	ND	ug/L	0.045	0.5	
1,1-Dichloroethane	ND	ug/L	0.078	0.5	
1,1-Dichloroethene	ND	ug/L	0.13	0.5	
1,2-Dibromoethane	ND	ug/L	0.043	0.5	
1,2-Dichlorobenzene	ND	ug/L	0.051	0.5	
1,2-Dichloroethane	ND	ug/L	0.066	0.5	
1,2-Dichloropropane	ND	ug/L	0.06	0.5	
1,3-Dichlorobenzene	ND	ug/L	0.052	0.5	
1,4-Dichlorobenzene	ND	ug/L	0.12	0.5	
2-Butanone (MEK)	ND	ug/L	0.3	5	
2-Chloroethyl Vinyl Ether	ND	ug/L	0.23	5	
Acetone	ND	ug/L	0.2	10	
Acrolein	ND	ug/L	3.3	5	
Acrylonitrile	ND	ug/L	1.6	2	
Benzene	ND	ug/L	0.071	0.5	
Bromodichloromethane	ND	ug/L	0.06	0.5	
Bromoform	ND	ug/L	0.053	0.5	
Bromomethane	ND	ug/L	0.13	1	
Carbon Tetrachloride	ND	ug/L	0.045	0.5	
Chlorobenzene	ND	ug/L	0.075	0.5	
Chlorodibromomethane	ND	ug/L	0.045	0.5	
Chloroethane	ND	ug/L	0.4	0.5	
Chloroform	ND	ug/L	0.044	0.5	
Chloromethane	ND	ug/L	0.055	0.5	
cis-1,3-dichloropropene	ND	ug/L	0.061	0.5	
Dichlorodifluoromethane	ND	ug/L	0.062	0.5	
Ethylbenzene	ND	ug/L	0.091	0.5	
Methylene chloride	ND	ug/L	0.15	0.5	
Methyl-t-butyl Ether (MTBE)	ND	ug/L	0.068	0.5	
Tetrachloroethene	ND	ug/L	0.15	0.5	
Toluene	ND	ug/L	0.078	0.5	
trans-1,2-dichloroethene	ND	ug/L	0.17	0.5	
trans-1,3-dichloropropene	ND	ug/L	0.056	0.5	
Trichloroethene	ND	ug/L	0.078	0.5	
Trichlorofluoromethane	ND	ug/L	0.06	0.5	
Vinyl Chloride	ND	ug/L	0.08	0.5	
Xylenes (Total)	ND	ug/L	0.25	0.5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194796LCS1											
1,1-Dichloroethene	50		57		ug/L	114			59-172		
Benzene	50		56		ug/L	112			62-137		
Chlorobenzene	50		55		ug/L	110			60-133		
Toluene	50		56		ug/L	112			59-139		
Trichloroethene	50		58		ug/L	116			66-142		

QCBatchID:	**QC1194796**	**Analyst:**	lucy	**Method:**	EPA 624
Matrix:	Water	**Analyzed:**	08/24/2018	**Instrument:**	VOA-MS (group)

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194796MS1, QC1194796MSD1												**Source: 405808-001**
1,1-Dichloroethene	ND	50	50	58	57	ug/L	116	114	1.7	59-172	22	
Benzene	0.400	50	50	56	56	ug/L	111	111	0.0	62-137	24	
Chlorobenzene	ND	50	50	56	55	ug/L	112	110	1.8	60-133	21	
Toluene	0.720	50	50	56	56	ug/L	111	111	0.0	59-139	21	
Trichloroethene	ND	50	50	58	58	ug/L	116	116	0.0	66-142	21	

QCBatchID: QC1194797	**Analyst:** lucy	**Method:** EPA 524.2	
Matrix: Water	**Analyzed:** 08/24/2018	**Instrument:** VOA-MS (group)	

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1194797MB1					
1,1,1,2-Tetrachloroethane	ND	ug/L	0.132	0.5	
1,1,1-Trichloroethane	ND	ug/L	0.119	0.5	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.223	0.5	
1,1,2-Trichloroethane	ND	ug/L	0.136	0.5	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	0.134	0.5	
1,1-Dichloroethane	ND	ug/L	0.109	0.5	
1,1-Dichloroethene	ND	ug/L	0.144	0.5	
1,1-Dichloropropene	ND	ug/L	0.152	0.5	
1,2,3-Trichlorobenzene	ND	ug/L	0.224	0.5	
1,2,4-Trichlorobenzene	ND	ug/L	0.162	0.5	
1,2,4-Trimethylbenzene	ND	ug/L	0.094	0.5	
1,2-Dibromo-3-chloropropane	ND	ug/L	0.228	0.5	
1,2-Dibromoethane	ND	ug/L	0.116	0.5	
1,2-Dichlorobenzene	ND	ug/L	0.161	0.5	
1,2-Dichloroethane	ND	ug/L	0.113	0.5	
1,2-Dichloropropane	ND	ug/L	0.197	0.5	
1,3,5-Trimethylbenzene	ND	ug/L	0.153	0.5	
1,3-Dichlorobenzene	ND	ug/L	0.176	0.5	
1,3-Dichloropropane	ND	ug/L	0.134	0.5	
1,4-Dichlorobenzene	ND	ug/L	0.185	0.5	
2,2-Dichloropropane	ND	ug/L	0.218	0.5	
2-Chlorotoluene	ND	ug/L	0.177	0.5	
4-Chlorotoluene	ND	ug/L	0.172	0.5	
4-Isopropyltoluene	ND	ug/L	0.112	0.5	
Benzene	ND	ug/L	0.124	0.5	
Bromobenzene	ND	ug/L	0.207	0.5	
Bromochloromethane	ND	ug/L	0.129	0.5	
Bromodichloromethane	ND	ug/L	0.161	0.5	
Bromoform	ND	ug/L	0.142	0.5	
Bromomethane	ND	ug/L	0.185	0.5	
Carbon Tetrachloride	ND	ug/L	0.115	0.5	
Chlorobenzene	ND	ug/L	0.131	0.5	
Chlorodibromomethane	ND	ug/L	0.13	0.5	
Chloroethane	ND	ug/L	0.4	0.5	
Chloroform	ND	ug/L	0.103	0.5	
Chloromethane	ND	ug/L	0.095	0.5	
cis-1,2-Dichloroethene	ND	ug/L	0.114	0.5	
cis-1,3-dichloropropene	ND	ug/L	0.107	0.5	
Dibromomethane	ND	ug/L	0.133	0.5	
Dichlorodifluoromethane	ND	ug/L	0.224	0.5	
Ethylbenzene	ND	ug/L	0.149	0.5	
Hexachlorobutadiene	ND	ug/L	0.197	0.5	
Isopropylbenzene	ND	ug/L	0.129	0.5	
m and p-Xylene	ND	ug/L	0.278	0.5	
Methylene chloride	ND	ug/L	0.155	0.5	
Methyl-t-butyl Ether (MTBE)	ND	ug/L	0.15	0.5	
Naphthalene	ND	ug/L	0.061	0.5	
N-butylbenzene	ND	ug/L	0.163	0.5	
N-propylbenzene	ND	ug/L	0.134	0.5	
o-Xylene	ND	ug/L	0.148	0.5	
Sec-butylbenzene	ND	ug/L	0.124	0.5	
Styrene	ND	ug/L	0.108	0.5	

QCBatchID: QC1194797 **Analyst:** lucy **Method:** EPA 524.2

Matrix: Water **Analyzed:** 08/24/2018 **Instrument:** VOA-MS (group)

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1194797MB1					
Tert-butylbenzene	ND	ug/L	0.139	0.5	
Tetrachloroethene	ND	ug/L	0.372	0.5	
Toluene	ND	ug/L	0.142	0.5	
trans-1,2-dichloroethene	ND	ug/L	0.112	0.5	
trans-1,3-dichloropropene	ND	ug/L	0.148	0.5	
Trichloroethene	ND	ug/L	0.239	0.5	
Trichlorofluoromethane	ND	ug/L	0.097	0.5	
Vinyl Chloride	ND	ug/L	0.06	0.5	
Xylenes (Total)	ND	ug/L	0.278	0.5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194797LCS1											
1,1-Dichloroethene	50		54		ug/L	108			59-172		
Benzene	50		54		ug/L	108			62-137		
Chlorobenzene	50		53		ug/L	106			60-133		
Methyl-t-butyl Ether (MTBE)	50		45		ug/L	90			62-137		
Toluene	50		52		ug/L	104			59-139		
Trichloroethene	50		53		ug/L	106			66-142		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194797MS1												**Source: 405858-002**
1,1-Dichloroethene	ND	50		53		ug/L	106			59-172		
Benzene	ND	50		53		ug/L	106			62-137		
Chlorobenzene	ND	50		53		ug/L	106			60-133		
Methyl-t-butyl Ether (MTBE)	ND	50		45		ug/L	90			62-137		
Toluene	ND	50		53		ug/L	106			59-139		
Trichloroethene	ND	50		54		ug/L	108			66-142		

QCBatchID: QC1194826 **Analyst:** dswafford **Method:** EPA 200.7

Matrix: Water **Analyzed:** 08/27/2018 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1194826MB1					
Arsenic	**0.006 J**	mg/L	0.004	0.01	
Boron	ND	mg/L	0.009	0.05	
Cadmium	ND	mg/L	0.001	0.005	
Calcium	ND	mg/L	0.038	0.1	
Chromium	ND	mg/L	0.002	0.01	
Copper	ND	mg/L	0.001	0.01	
Iron	ND	mg/L	0.012	0.02	
Lead	ND	mg/L	0.004	0.01	
Magnesium	**0.060 J**	mg/L	0.016	0.1	
Manganese	ND	mg/L	0.001	0.01	
Nickel	ND	mg/L	0.001	0.01	
Potassium	ND	mg/L	0.24	0.5	
Silver	ND	mg/L	0.002	0.005	
Sodium	ND	mg/L	0.15	0.5	
Zinc	**0.003 J**	mg/L	0.002	0.05	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194826LCS1											
Arsenic	2		1.76		mg/L	88			85-115		
Boron	2		1.87		mg/L	94			85-115		
Cadmium	2		1.76		mg/L	88			85-115		
Calcium	20		19.8		mg/L	99			85-115		
Chromium	2		1.87		mg/L	94			85-115		
Copper	2		1.79		mg/L	90			85-115		
Iron	2		1.95		mg/L	98			85-115		
Lead	2		1.79		mg/L	90			85-115		
Magnesium	20		20.3		mg/L	102			85-115		
Manganese	2		1.95		mg/L	98			85-115		
Nickel	2		1.87		mg/L	94			85-115		
Potassium	38		33.5		mg/L	88			85-115		
Silver	2		1.80		mg/L	90			85-115		
Sodium	20		18.6		mg/L	93			85-115		
Zinc	2		1.84		mg/L	92			85-115		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194826MS1												**Source: 405796-001**
Arsenic	0.014	1		0.955		mg/L	94			75-125		
Boron	1.43	1		2.49		mg/L	106			75-125		
Cadmium	ND	1		0.874		mg/L	87			75-125		
Calcium	480	20		516		mg/L	180			75-125		M
Chromium	0.005	1		0.964		mg/L	96			75-125		
Copper	0.010	1		0.958		mg/L	95			75-125		
Iron	0.027	1		0.964		mg/L	94			75-125		
Lead	0.009	1		0.903		mg/L	89			75-125		
Magnesium	223	20		252		mg/L	145			75-125		M
Manganese	0.008	1		1.01		mg/L	100			75-125		
Nickel	0.004	1		0.934		mg/L	93			75-125		
Potassium	29.7	29		59.1		mg/L	101			75-125		

QCBatchID: QC1194826 **Analyst:** dswafford **Method:** EPA 200.7

Matrix: Water **Analyzed:** 08/27/2018 **Instrument:** AAICP (group)

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194826MS1												**Source: 405796-001**
Silver	ND	0.5		0.976		mg/L	195			75-125		M
Sodium	456	20		513		mg/L	285			75-125		M
Zinc	0.017	1		0.942		mg/L	93			75-125		
QC1194826MS2												**Source: 405800-001**
Arsenic	0.024	1		1.00		mg/L	98			75-125		
Boron	0.506	1		1.51		mg/L	100			75-125		
Cadmium	ND	1		0.925		mg/L	93			75-125		
Calcium	355	20		373		mg/L	90			75-125		
Chromium	0.005	1		0.997		mg/L	99			75-125		
Copper	0.004	1		0.945		mg/L	94			75-125		
Iron	0.080	1		1.09		mg/L	101			75-125		
Lead	0.008	1		0.967		mg/L	96			75-125		
Magnesium	111	20		135		mg/L	120			75-125		
Manganese	0.002	1		1.03		mg/L	103			75-125		
Nickel	ND	1		0.953		mg/L	95			75-125		
Potassium	3.80	29		32.3		mg/L	98			75-125		
Silver	ND	1		0.984		mg/L	99			75-125		
Sodium	78.1	20		98.8		mg/L	104			75-125		
Zinc	0.006	1		0.975		mg/L	97			75-125		

QCBatchID: QC1194831 **Analyst:** trinh **Method:** SM 5540-C

Matrix: Water **Analyzed:** 08/24/2018 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1194831MB1					
MBAS	ND	mg/L	0.018	0.04	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194831LCS1											
MBAS	1		0.99		mg/L	99			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194831MS1, QC1194831MSD1												**Source: 405839-001**
MBAS	ND	1	1	1.1	1.1	mg/L	110	110	0.0	75-125	20	

QCBatchID: QC1194832 **Analyst:** cota **Method:** EPA 200.8

Matrix: Water **Analyzed:** 08/27/2018 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1194832MB1					
Arsenic	ND	ug/L	0.31	2	
Selenium	ND	ug/L	0.39	2	
Zinc	ND	ug/L	2.7	10	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194832LCS1											
Arsenic	50		54.8		ug/L	110			85-115		
Selenium	50		49.5		ug/L	99			85-115		
Zinc	50		56.0		ug/L	112			85-115		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194832MS1												**Source: 405808-001**
Arsenic	1.12	50		53.5		ug/L	105			70-130		
Selenium	3.01	50		50.3		ug/L	95			70-130		
Zinc	9.84	50		60.9		ug/L	115			70-130		
QC1194832MS2												**Source: 405808-002**
Arsenic	0.743	50		56.5		ug/L	112			70-130		
Selenium	2.23	50		51.7		ug/L	99			70-130		
Zinc	7.95	50		58.9		ug/L	102			70-130		

QCBatchID: QC1194883 **Analyst:** wei **Method:** SM 4500-F-C

Matrix: Water **Analyzed:** 08/27/2018 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1194883MB1					
Fluoride	ND	mg/L	0.005	0.1	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194883LCS1											
Fluoride	1		0.965		mg/L	97			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194883MS1, QC1194883MSD1												**Source: 405808-001**
Fluoride	1.15	1	1	2.08	2.13	mg/L	93	98	2.4	75-125	20	

QCBatchID:	**QC1194902**	**Analyst:**	trinh	**Method:**	SM 2540-D
Matrix:	Water	**Analyzed:**	08/28/2018	**Instrument:**	CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1194902MB1					
Total Suspended Solids	ND	mg/L	0.5	0.5	

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1194902DUP1						**Source: 405666-007**
Total Suspended Solids	1490	1500	mg/L	0.7	5	

QCBatchID: QC1194909	**Analyst:** wei	**Method:** SM 2320-B	
Matrix: Water	**Analyzed:** 08/28/2018	**Instrument:** CHEM (group)	

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1194909MB1					
Bicarbonate (HCO3)	ND	mg/L	5	5	
Carbonate (CO3)	ND	mg/L	5	5	
Hydroxide (OH)	ND	mg/L	5	5	
Total Alkalinity (as CaCO3)	ND	mg/L	5	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194909LCS1											
Total Alkalinity (as CaCO3)	25000		24000		mg/L	96			90-110		

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1194909DUP1						**Source: 405808-001**
Total Alkalinity (as CaCO3)	870	850	mg/L	2.3	20	

QCBatchID: QC1194912	**Analyst:** cota		**Method:** EPA 314.0		
Matrix: Water	**Analyzed:** 08/28/2018		**Instrument:** AAICP (group)		

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1194912MB1					
Perchlorate	ND	ug/L	1.1	2	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194912LCS1											
Perchlorate	50		48		ug/L	96			85-115		

QCBatchID: QC1194960 **Analyst:** trinh **Method:** SM 4500-NH3-G

Matrix: Water **Analyzed:** 08/29/2018 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1194960MB1					
Ammonia, as Nitrogen	ND	mg/L	0.01	0.1	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194960LCS1											
Ammonia, as Nitrogen	5		4.65		mg/L	93			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194960MS1, QC1194960MSD1												**Source: 405808-001**
Ammonia, as Nitrogen	ND	5	5	4.42	4.44	mg/L	88	89	0.5	80-120	20	

QCBatchID: QC1194984 **Analyst:** tdang **Method:** SM 2540-C

Matrix: Water **Analyzed:** 08/28/2018 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1194984MB1					
Total Dissolved Solids	ND	mg/L	10	10	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194984LCS1											
Total Dissolved Solids	3000		3010		mg/L	100			90-110		

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1194984DUP1						**Source: 405811-001**
Total Dissolved Solids	20500	20300	mg/L	1.0	5	

QCBatchID: QC1195007 **Analyst:** trinh **Method:** SM 4500-NH3-G

Matrix: Water **Analyzed:** 08/30/2018 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1195007MB1					
Total Kjeldahl Nitrogen	ND	mg/L	0.052	0.4	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1195007LCS1											
Total Kjeldahl Nitrogen	2.5		2.4		mg/L	96			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1195007MS1, QC1195007MSD1												**Source: 405850-001**
Total Kjeldahl Nitrogen	0.287	12.5	12.5	11	12	mg/L	86	94	8.7	80-120	20	

QCBatchID: QC1195027 **Analyst:** tdang **Method:** SM 4500-P-B-5-E

Matrix: Water **Analyzed:** 08/30/2018 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1195027MB1					
Total Phosphorous as P	ND	mg/L	0.01	0.02	
Total Phosphorous as PO4	ND	mg/L	0.03	0.06	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1195027LCS1											
Total Phosphorous as P	0.4		0.402		mg/L	101			80-120		
Total Phosphorous as PO4	1.23		1.230		mg/L	100			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1195027MS1, QC1195027MSD1												**Source: 405783-003**
Total Phosphorous as P	0.372	0.4	0.4	0.700	0.700	mg/L	82	82	0.0	75-125	20	
Total Phosphorous as PO4	1.140	1.23	1.23	2.14	2.14	mg/L	81	81	0.0	75-125	20	

Data Qualifiers and Definitions

Qualifiers

A	See Report Comments.
B	Analyte was present in an associated method blank.
B1	Analyte was present in a sample and associated method blank greater than MDL but less than RDL.
BQ1	No valid test replicates. Sample Toxicity is possible. Best result was reported.
BQ2	No valid test replicates.
BQ3	No valid test replicates. Final DO is less than 1.0 mg/L. Result may be greater.
BQ4	Minor Dissolved Oxygen loss was observed in the blank water check, however, the LCS was within criteria, validating the batch.
BQ5	Minor Dissolved Oxygen loss was observed in the blank water check.
C	Possible laboratory contamination.
D	RPD was not within control limits. The sample data was reported without further clarification.
D1	Lesser amount of sample was used due to insufficient amount of sample supplied.
D2	Reporting limit is elevated due to sample matrix. Target analyte was not detected above the elevated reporting limit.
D3	Insufficient sample was supplied for TCLP. Client was notified. TCLP was performed per the Client's instructions.
DW	Sample result is calculated on a dry weigh basis.
E	Concentration is estimated because it exceeds the quantification limits of the method.
I	The sample was read outside of the method required incubation period.
IR	Inconclusive Result. Legionella is present, however, there is possible non-specific agglutination preventing specific identification.
J	Reported value is estimated
L	The laboratory control sample (LCS) or laboratory control sample duplicate (LCSD) was out of control limits. Associated sample data was reported with qualifier.
L2	LCS did not meet recovery criteria, however, the MS and/or MSD met LCS recovery criteria, validating the batch.
M	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits due to matrix interference. The associated LCS and/or LCSD was within control limits and the sample data was reported without further clarification.
M1	The matrix spike (MS) or matrix spike duplicate (MSD) is not within control limits due to matrix interference.
M2	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits. The associated LCS and/or LCSD was not within control limits. Sample result is estimated.
N1	Sample chromatography does not match the specified TPH standard pattern.
NC	The analyte concentration in the sample exceeded the spike level by a factor of four or greater, spike recovery and limits do not apply.
P	Sample was received without proper preservation according to EPA guidelines.
P1	Temperature of sample storage refrigerator was out of acceptance limits.
P2	The sample was preserved within 24 hours of collection in accordance with EPA 218.6.
P3	Per Client request, sample was composited for volatile analysis. Sample compositing for volatile analysis is not recommended due to potential loss of target analytes. Results may be biased low.
Q1	Analyte Calibration Verification exceeds criteria. The result is estimated.
Q2	Analyte calibration was not verified and the result was estimated.
Q3	Analyte initial calibration was not available or exceeds criteria. The result was estimated.
S	The surrogate recovery was out of control limits due to matrix interference. The associated method blank surrogate recovery was within control limits and the sample data was reported without further clarification.
S1	The associated surrogate recovery was out of control limits; result is estimated.
S2	The surrogate was diluted out due to the presence of high concentrations of target and/or non-target compounds. Surrogate recoveries in the associated batch QC met recovery criteria.
S3	Internal Standard did not meet recovery limits. Analyte concentration is estimated.
T	Sample was extracted/analyzed past the holding time.
T1	Reanalysis was reported past hold time due to failing replicates in the original analysis (BOD only).
T2	Sample was analyzed ASAP but received and analyzed past the 15 minute holding time.
T3	Sample received and analyzed out of hold time per client's request.
T4	Sample was analyzed out of hold time per client's request.
T5	Reanalysis was reported past hold time. The original analysis was within hold time, but not reportable.
T6	Hold time is indeterminable due to unspecified sampling time.
T7	Sample was analyzed past hold time due to insufficient time remaining at time of receipt.

Definitions

DF	Dilution Factor
MDL	Method Detection Limit. Result is reported ND when it is less than or equal to MDL.
ND	Analyte was not detected or was less than the detection limit.
NR	Not Reported. See Report Comments.
RDL	Reporting Detection Limit
TIC	Tentatively Identified Compounds

ENTHALPY ANALYTICAL, INC.	Chain of Custody Record	Turn Around Time (Rush by advanced notice only)
931 W. Barkley Ave., Orange, CA 92868	Lab No: 405808	Standard: X / 4 Day: / 3 Day:
Phone: (714) 771-6900 Fax: (714) 538-1209	Page: 1 of 3	2 Day: / 1 Day: / Same Day:
Billing: Enthalpy - SoCal	Matrix: A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other	Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other
c/o Montrose Environmental Group		
1 Park Plaza, Suite 1000, Irvine, CA 92614		

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Rincon Consultants	Name:	Malibu - Annual
Report To:	Kiernan Brtalik	Number:	
Email:	KBRTALIK@RinconConsultants.Com	P.O. #:	
Address:	180 N. Ashwood Ave.	Address:	
	Ventura, CA 93003		
Phone:	805-644-4455	Global ID:	
Cell:		Sampled By:	P. DORAN

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Total /Fecal Coliforms - SM 9223 Quantitray	EPA 200.7 (B), 200.8 (see list), 245.1 (Hg)	EPA 300.0: Cl,Fl,NO2,NO3,SO4; EPA 314.0	SM 4500-CN E; TKN; NH3; Phosphorus	SM 5310C TOC; BOD; TSS; TDS	pH; Residual Cl; MBAS; Turbidity; Color; Odor	SM 2330B Corrosivity; EPA 218.6 Cr VI	EPA 1664A Oil & Grease; EPA 1625M NDMA	EPA 1613 TCDD only; EPA 608 LL; EPA 625 LL	EPA 524.2 VOCs; EPA 624 VOCs	Test Instructions / Comments
~~LAMW-5S~~						X	X	X	X	X	X	X	X	X	X	PD
SMBRP-9	8.23.18	0830	W	VARIOUS	Various	X	X	X	X	X	X	X	X	X	X	
~~SMBRP-11~~						X	X	X	X	X	X	X	X	X	X	PD
~~SMBRP-12~~						X	X	X	X	X	X	X	X	X	X	PD
~~MCWP-MW04S~~						X	X	X	X	X	X	X	X	X	X	PD
MCWP-MW04D	8.23.18	1200	W	VARIOUS	Various	X	X	X	X	X	X	X	X	X	X	
~~MCWP-MW07S~~						X	X	X	X	X	X	X	X	X	X	PD
~~MCWP-MW07D~~						X	X	X	X	X	X	X	X	X	X	PD
~~MCWP-MW09~~						X	X	X	X	X	X	X	X	X	X	PD

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		PETER DORAN	Rincon	8.23.18 / 1345
[1] Received By:			Enthalpy	8/23/18 1346
[2] Relinquished By:			Enthalpy	8/23/18 1622
[2] Received By:			EA	08/23/18 1622
[3] Relinquished By:				

5/11.7 4/11.2 4/6/19 6.0/0.9

ENTHALPY ANALYTICAL, INC.	Chain of Custody Record	Turn Around Time (Rush by advanced notice only)
931 W. Barkley Ave., Orange, CA 92868	Lab No: 405806	Standard: X | 4 Day: | 3 Day:
Phone: (714) 771-6900 Fax: (714) 538-1209	Page: 2 of 3	2 Day: | 1 Day: | Same Day:
Billing: Enthalpy - SoCal	Matrix: A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other	Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other
c/o Montrose Environmental Group		
1 Park Plaza, Suite 1000, Irvine, CA 92614		

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Rincon Consultants	Name:	Malibu - Annual
Report To:	Kiernan Brtalik	Number:	
Email:		P.O. #:	SEE PAGE ONE
Address:	180 N. Ashwood Ave.	Address:	
	Ventura, CA 93003		
Phone:		Global ID:	
Cell:		Sampled By:	P. DORAN

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	EPA 100.2 Asbestos;EPA 908.0 Uranium	EPA 900.0 Gross Alpha & Beta	EPA 903.0 Radium 226, Radium 228	EPA 905.0 Strontium-90; EPA 906.0 Tritium	EPA 504.1 EDB, DBCP; EPA 525.2 (see list)	EPA 515.3 Chlorinated Herbicides	EPA 300.1B Bromate, Chlorite	EPA 531.1 Carbofuran, Oxamyl	EPA 548.1 Endothall; EPA 549.2 Diquat	EPA 547 Glyphosate; EPA 552.2 HAAs	Test Instructions / Comments
~~LAMW-5S~~						X	X	X	X	X	X	X	X	X	X	P7
SMBRP-9	8.23.18	0930	W	VARIOUS		X	X	X	X	X	X	X	X	X	X	
~~SMBRP-11~~						X	X	X	X	X	X	X	X	X	X	P7
~~SMBRP-12~~						X	X	X	X	X	X	X	X	X	X	P7
~~MCWP-MW04S~~						X	X	X	X	X	X	X	X	X	X	P7
MCWP-MW04D	8.23.18	0920	W	VARIOUS		X	X	X	X	X	X	X	X	X	X	
~~MCWP-MW07S~~						X	X	X	X	X	X	X	X	X	X	P7
~~MCWP-MW07D~~						X	X	X	X	X	X	X	X	X	X	P7
~~MCWP-MW09~~						X	X	X	X	X	X	X	X	X	X	P7

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		PETER DORAN	RINCON	8.23.18/ 1345
[1] Received By:			enthalpy	8/23/18 1346
[2] Relinquished By:			ENT	
[2] Received By:			ENT	08/23/18 1622
[3] Relinquished By:				

ENTHALPY ANALYTICAL, INC.	Chain of Custody Record	Turn Around Time (Rush by advanced notice only)
931 W. Barkley Ave., Orange, CA 92868	Lab No: 405808	Standard: X / 4 Day: / 3 Day:
Phone: (714) 771-6900 Fax: (714) 538-1209	Page: 3 of 3	2 Day: / 1 Day: / Same Day:
Billing: Enthalpy - SoCal	Matrix: A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other	Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other
c/o Montrose Environmental Group		
1 Park Plaza, Suite 1000, Irvine, CA 92614		

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Rincon Consultants	Name:	Malibu - Annual
Report To:	Kiernan Brtalik	Number:	
Email:		P.O. #:	SEE PAGE ONE
Address:	180 N. Ashwood Ave.	Address:	
	Ventura, CA 93003		
Phone:		Global ID:	
Cell:		Sampled By:	P. DORAN

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	EPA 1694M-ESI+/ESI-/APCI (see list)	EPA 608 Pest/PCBs	Analysis Request	Test Instructions / Comments
~~LAMW-5S~~						X	X	PM	
SMBRP-9	8.23.18	0830	W	VARIOUS		X	X		
~~SMBRP-11~~						X	X	PM	
~~SMBRP-12~~						X	X	PM	
~~MCWP-MW04S~~						X	X	PM	
MCWP-MW04D	8.23.18	1200	W	VARIOUS		X	X		
~~MCWP-MW07S~~						X	X	PM	
~~MCWP-MW07D~~						X	X	PM	
~~MCWP-MW09~~						X	X	PM	

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		PETER DORAN	RINCON	8.23.18 / 1345
[1] Received By:			DNA Laboratory	8/23/18 1346
[2] Relinquished By:			Enthalpy	8/23/18 1622
[2] Received By:		Valeria Romero	EPA	08/23/18 1622
[3] Relinquished By:				

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Rincon

Project: Malibu - annual

Date Received: 8/23/18

Sampler's Name Present: ☒ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 4 ☐ No (skip section 2)

Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 5.2 #2: 4.2 #3: 4.6 #4: 6.0

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: _____

Section 3

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 1.7 #2: 1.3 #3: 1.9 #4: 0.9

Section 4	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?	✓		
Are custody seals present?		✓	
If custody seals are present, were they intact?			✓
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)			✓
Did all samples arrive intact? If no, indicate in Section 4 below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were the samples collected in the correct containers for the required tests?	✓		
Are the containers labeled with the correct preservatives?	✓		
Is there headspace in the VOA vials greater than 5-6 mm in diameter?		✓	
Was a sufficient amount of sample submitted for the requested tests?	✓		

Section 5 Explanations/Comments

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____ ☐ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: 08/23/18

WECK LABORATORIES, INC.

Certificate of Analysis

FINAL REPORT

Work Orders: 8H24014

Project: 405808

Attn: Albert Vargas

Client: Enthalpy Analytical - Orange
931 West Barkley Avenue
Orange, CA 92868

Report Date: 9/19/2018
Received Date: 8/24/2018
Turnaround Time: Normal
Phones: (714) 771-6900
Fax: (714) 771-9933
P.O. #: 1024485
Billing Code:

Dear Albert Vargas,

Enclosed are the results of analyses for samples received 8/24/18 with the Chain-of-Custody document. The samples were received in good condition, at 5.8 °C and on ice. All analyses met the method criteria except as noted in the case narrative or in the report with data qualifiers.

Case Narrative

Partial Report: This is a final but incomplete report. Additional partial report(s) or a complete report may be issued to complete the order. The information in this report applies to the samples analyzed in accordance with the chain-of-custody document. Weck Laboratories certifies that the test results meet all requirements of NELAC unless noted by qualifiers or written in the Case Narrative. This analytical report and counterpart partial report(s) must be reproduced in its entirety.

Sample Results

Sample: SMBRP-9(405808-001) — Sampled: 08/23/18 8:30 by Client
8H24014-01 (Water)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 1625M **Batch ID:** W8H1654 **Instr:** GCMS09 **Prepared:** 08/28/18 11:49 **Analyst:** mld						
N-Nitrosodimethylamine	ND	2.0	ng/l	1	08/29/18 19:38	
Method: EPA 300.1 **Batch ID:** W8H1526 **Instr:** LC08_Chan **Prepared:** 08/27/18 09:05 **Analyst:** dil						
Bromate	ND	25	ug/l	5	08/28/18 13:23	M-05
Chlorite	ND	50	ug/l	5	08/28/18 13:23	M-05
Surrogate(s)						
Dichloroacetate	*118%*	*90-115*	*Conc: 591*		*08/28/18 13:23*	*S-03*
Method: EPA 504.1 **Batch ID:** W8H1645 **Instr:** GC03 **Prepared:** 08/28/18 15:44 **Analyst:** joh						
1,2-Dibromo-3-chloropropane	ND	0.010	ug/l	1	08/28/18 22:44	
1,2-Dibromoethane (EDB)	ND	0.020	ug/l	1	08/28/18 22:44	
Method: EPA 508 **Batch ID:** W8H1618 **Instr:** GC07 **Prepared:** 08/28/18 08:09 **Analyst:** rmr						
4,4´-DDD	ND	0.010	ug/l	1	09/05/18 01:02	
4,4´-DDE	ND	0.010	ug/l	1	09/05/18 01:02	
4,4´-DDT	ND	0.010	ug/l	1	09/05/18 01:02	
Aldrin	ND	0.010	ug/l	1	09/05/18 01:02	

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Sample Results

(Continued)

Sample: SMBRP-9(405808-001)
8H24014-01 (Water)

Sampled: 08/23/18 8:30 by Client
(Continued)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 508 (Continued) **Batch ID:** W8H1618 **Instr:** GC07		**Prepared:** 08/28/18 08:09			**Analyst:** rmr	
alpha-BHC	ND	0.010	ug/l	1	09/05/18 01:02	
Aroclor 1016	ND	0.10	ug/l	1	09/05/18 01:02	
Aroclor 1221	ND	0.10	ug/l	1	09/05/18 01:02	
Aroclor 1232	ND	0.10	ug/l	1	09/05/18 01:02	
Aroclor 1242	ND	0.10	ug/l	1	09/05/18 01:02	
Aroclor 1248	ND	0.10	ug/l	1	09/05/18 01:02	
Aroclor 1254	ND	0.10	ug/l	1	09/05/18 01:02	
Aroclor 1260	ND	0.10	ug/l	1	09/05/18 01:02	
beta-BHC	ND	0.010	ug/l	1	09/05/18 01:02	
Chlordane (tech)	ND	0.10	ug/l	1	09/05/18 01:02	
Chlorothalonil	ND	0.050	ug/l	1	09/05/18 01:02	
delta-BHC	ND	0.010	ug/l	1	09/05/18 01:02	
Dieldrin	ND	0.010	ug/l	1	09/05/18 01:02	
Endosulfan I	ND	0.010	ug/l	1	09/05/18 01:02	
Endosulfan II	ND	0.010	ug/l	1	09/05/18 01:02	
Endosulfan sulfate	ND	0.010	ug/l	1	09/05/18 01:02	
Endrin	ND	0.010	ug/l	1	09/05/18 01:02	
Endrin aldehyde	ND	0.010	ug/l	1	09/05/18 01:02	
gamma-BHC (Lindane)	ND	0.010	ug/l	1	09/05/18 01:02	
Heptachlor	ND	0.010	ug/l	1	09/05/18 01:02	
Heptachlor epoxide	ND	0.010	ug/l	1	09/05/18 01:02	
Hexachlorobenzene	ND	0.050	ug/l	1	09/05/18 01:02	
Hexachlorocyclopentadiene	ND	0.050	ug/l	1	09/05/18 01:02	
Methoxychlor	ND	0.010	ug/l	1	09/05/18 01:02	
PCBs, Total	ND	0.50	ug/l	1	09/05/18 01:02	
Propachlor	ND	0.050	ug/l	1	09/05/18 01:02	
Toxaphene	ND	0.50	ug/l	1	09/05/18 01:02	
Trifluralin	ND	0.010	ug/l	1	09/05/18 01:02	
Surrogate(s)						
Decachlorobiphenyl	*88%*	*70-130*	*Conc: 0.0882*		*09/05/18 01:02*	
Tetrachloro-meta-xylene	*89%*	*70-130*	*Conc: 0.0891*		*09/05/18 01:02*	
Method: EPA 515.3 **Batch ID:** W8I0012 **Instr:** GC08		**Prepared:** 09/04/18 07:50			**Analyst:** rmr	
2,4,5-T	ND	0.20	ug/l	1	09/11/18 03:43	
2,4,5-TP (Silvex)	ND	0.20	ug/l	1	09/11/18 03:43	
2,4-D	ND	0.40	ug/l	1	09/11/18 03:43	
2,4-DB	ND	2.0	ug/l	1	09/11/18 03:43	
3,5-Dichlorobenzoic acid	ND	1.0	ug/l	1	09/11/18 03:43	
Acifluorfen	ND	0.40	ug/l	1	09/11/18 03:43	
Bentazon	ND	2.0	ug/l	1	09/11/18 03:43	
Dalapon	ND	0.40	ug/l	1	09/11/18 03:43	
DCPA	ND	0.10	ug/l	1	09/11/18 03:43	

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Sample Results

(Continued)

Sample: SMBRP-9(405808-001)
8H24014-01 (Water)

Sampled: 08/23/18 8:30 by Client
(Continued)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 515.3 (Continued) **Batch ID:** W8I0012 **Instr:** GC08		**Prepared:** 09/04/18 07:50			**Analyst:** rmr	
Dicamba	ND	0.60	ug/l	1	09/11/18 03:43	
Dichloroprop	ND	0.30	ug/l	1	09/11/18 03:43	
Dinoseb	ND	0.40	ug/l	1	09/11/18 03:43	
Pentachlorophenol	ND	0.20	ug/l	1	09/11/18 03:43	
Picloram	ND	0.60	ug/l	1	09/11/18 03:43	
Surrogate(s)						
2,4-DCAA	*108%*	*70-130*	*Conc: 10.8*		*09/11/18 03:43*	
Method: EPA 525.2 **Batch ID:** W8H1513 **Instr:** GCMS16		**Prepared:** 08/27/18 08:31			**Analyst:** etn	
Alachlor	ND	0.10	ug/l	1	09/06/18 00:50	
Atrazine	ND	0.10	ug/l	1	09/06/18 00:50	
Benzo (a) pyrene	ND	0.10	ug/l	1	09/06/18 00:50	
Bis(2-ethylhexyl)adipate	ND	2.0	ug/l	1	09/06/18 00:50	
Bis(2-ethylhexyl)phthalate	ND	2.0	ug/l	1	09/06/18 00:50	
Bromacil	ND	0.50	ug/l	1	09/06/18 00:50	
Butachlor	ND	0.10	ug/l	1	09/06/18 00:50	
Captan	ND	1.0	ug/l	1	09/06/18 00:50	
Chlorpropham	ND	0.10	ug/l	1	09/06/18 00:50	
Cyanazine	ND	0.10	ug/l	1	09/06/18 00:50	
Diazinon	ND	0.10	ug/l	1	09/06/18 00:50	
Dimethoate	ND	0.20	ug/l	1	09/06/18 00:50	
Diphenamid	ND	0.10	ug/l	1	09/06/18 00:50	
Disulfoton	ND	0.10	ug/l	1	09/06/18 00:50	
EPTC	ND	0.10	ug/l	1	09/06/18 00:50	
Metolachlor	ND	0.10	ug/l	1	09/06/18 00:50	
Metribuzin	ND	0.10	ug/l	1	09/06/18 00:50	
Molinate	ND	0.10	ug/l	1	09/06/18 00:50	
Prometon	ND	0.10	ug/l	1	09/06/18 00:50	
Prometryn	ND	0.10	ug/l	1	09/06/18 00:50	
Simazine	ND	0.10	ug/l	1	09/06/18 00:50	
Terbacil	ND	2.0	ug/l	1	09/06/18 00:50	
Thiobencarb	ND	0.10	ug/l	1	09/06/18 00:50	
Trithion	ND	0.10	ug/l	1	09/06/18 00:50	
Surrogate(s)						
1,3-Dimethyl-2-nitrobenzene	*111%*	*70-130*	*Conc: 5.54*		*09/06/18 00:50*	
Perylene-d12	*43%*	*50-120*	*Conc: 2.17*		*09/06/18 00:50*	*S-GC*
Triphenyl phosphate	*106%*	*70-130*	*Conc: 5.32*		*09/06/18 00:50*	
Method: EPA 531.1 **Batch ID:** W8H1676 **Instr:** LC10		**Prepared:** 08/28/18 14:39			**Analyst:** blg	
3-Hydroxycarbofuran	ND	2.0	ug/l	1	08/29/18 12:20	
Aldicarb	ND	2.0	ug/l	1	08/29/18 12:20	
Aldicarb sulfone	ND	2.0	ug/l	1	08/29/18 12:20	
Aldicarb sulfoxide	ND	2.0	ug/l	1	08/29/18 12:20	

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Sample Results

(Continued)

Sample: SMBRP-9(405808-001)
8H24014-01 (Water)

Sampled: 08/23/18 8:30 by Client
(Continued)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 531.1 (Continued) **Batch ID:** W8H1676 **Instr:** LC10		**Prepared:** 08/28/18 14:39			**Analyst:** blg	
Carbaryl	ND	2.0	ug/l	1	08/29/18 12:20	
Carbofuran	ND	2.0	ug/l	1	08/29/18 12:20	
Methiocarb	ND	2.0	ug/l	1	08/29/18 12:20	
Methomyl	ND	2.0	ug/l	1	08/29/18 12:20	
Oxamyl	ND	2.0	ug/l	1	08/29/18 12:20	
Propoxur (Baygon)	ND	2.0	ug/l	1	08/29/18 12:20	
Method: EPA 547 **Batch ID:** W8H1411 **Instr:** LC10		**Prepared:** 08/23/18 14:30			**Analyst:** blg	
Glyphosate	ND	5.0	ug/l	1	08/24/18 17:58	
Method: EPA 548.1 **Batch ID:** W8H1517 **Instr:** GCMS06		**Prepared:** 08/27/18 15:37			**Analyst:** etn	
Endothall	ND	40	ug/l	1	08/30/18 14:07	
Method: EPA 549.2 **Batch ID:** W8H1717 **Instr:** LC11		**Prepared:** 08/29/18 08:44			**Analyst:** blg	
Diquat	ND	2.0	ug/l	1	09/06/18 19:13	
Method: EPA 552.2 **Batch ID:** W8H1508 **Instr:** GC05		**Prepared:** 08/27/18 07:53			**Analyst:** cam	
Dibromoacetic acid (dbaa)	ND	1.0	ug/l	1	08/28/18 11:19	
Dichloroacetic acid (dcaa)	ND	1.0	ug/l	1	08/28/18 11:19	
HAA5, Total	ND	1.0	ug/l	1	08/28/18 11:19	
Monobromoacetic acid (mbaa)	ND	1.0	ug/l	1	08/28/18 11:19	
Monochloroacetic acid (mcaa)	ND	2.0	ug/l	1	08/28/18 11:19	
Trichloroacetic acid (tcaa)	ND	1.0	ug/l	1	08/28/18 11:19	
Surrogate(s)						
2,3-Dibromopropionic acid	*118%*	*70-130*	*Conc: 11.8*		*08/28/18 11:19*	
Method: EPA 625 **Batch ID:** W8H1519 **Instr:** GCMS06		**Prepared:** 08/27/18 08:39			**Analyst:** etn	
1,2,4-Trichlorobenzene	ND	1.0	ug/l	1	09/14/18 22:27	
1,2-Dichlorobenzene	ND	1.0	ug/l	1	09/14/18 22:27	
1,2-Diphenylhydrazine/Azobenzene	ND	1.0	ug/l	1	09/14/18 22:27	
1,3-Dichlorobenzene	ND	1.0	ug/l	1	09/14/18 22:27	
1,4-Dichlorobenzene	ND	1.0	ug/l	1	09/14/18 22:27	
2,4,6-Trichlorophenol	ND	1.0	ug/l	1	09/14/18 22:27	
2,4-Dichlorophenol	ND	1.0	ug/l	1	09/14/18 22:27	
2,4-Dimethylphenol	ND	1.0	ug/l	1	09/14/18 22:27	
2,4-Dinitrophenol	ND	5.0	ug/l	1	09/14/18 22:27	
2,4-Dinitrotoluene	ND	1.0	ug/l	1	09/14/18 22:27	
2,6-Dinitrotoluene	ND	1.0	ug/l	1	09/14/18 22:27	
2-Chloronaphthalene	ND	1.0	ug/l	1	09/14/18 22:27	
2-Chlorophenol	ND	1.0	ug/l	1	09/14/18 22:27	
2-Methyl-4,6-dinitrophenol	ND	1.0	ug/l	1	09/14/18 22:27	
2-Nitrophenol	ND	1.0	ug/l	1	09/14/18 22:27	
3,3'-Dichlorobenzidine	ND	1.0	ug/l	1	09/14/18 22:27	
4-Bromophenyl phenyl ether	ND	1.0	ug/l	1	09/14/18 22:27	
4-Chloro-3-methylphenol	ND	1.0	ug/l	1	09/14/18 22:27	
4-Chlorophenyl phenyl ether	ND	1.0	ug/l	1	09/14/18 22:27	

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Sample Results

(Continued)

Sample: SMBRP-9(405808-001)
8H24014-01 (Water)

Sampled: 08/23/18 8:30 by Client
(Continued)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 625 (Continued) **Batch ID:** W8H1519 **Instr:** GCMS06 **Prepared:** 08/27/18 08:39 **Analyst:** etn						
4-Nitrophenol	ND	2.0	ug/l	1	09/14/18 22:27	
Acenaphthene	ND	1.0	ug/l	1	09/14/18 22:27	
Acenaphthylene	ND	1.0	ug/l	1	09/14/18 22:27	
Anthracene	ND	1.0	ug/l	1	09/14/18 22:27	
Benzidine	ND	10	ug/l	1	09/14/18 22:27	
Benzo (a) anthracene	ND	1.0	ug/l	1	09/14/18 22:27	
Benzo (a) pyrene	ND	1.0	ug/l	1	09/14/18 22:27	
Benzo (b) fluoranthene	ND	1.0	ug/l	1	09/14/18 22:27	
Benzo (g,h,i) perylene	ND	1.0	ug/l	1	09/14/18 22:27	
Benzo (k) fluoranthene	ND	1.0	ug/l	1	09/14/18 22:27	
Bis(2-chloroethoxy)methane	ND	1.0	ug/l	1	09/14/18 22:27	
Bis(2-chloroethyl)ether	ND	1.0	ug/l	1	09/14/18 22:27	
Bis(2-chloroisopropyl)ether	ND	1.0	ug/l	1	09/14/18 22:27	
Bis(2-ethylhexyl)phthalate	ND	2.0	ug/l	1	09/14/18 22:27	
Butyl benzyl phthalate	ND	1.0	ug/l	1	09/14/18 22:27	
Chrysene	ND	1.0	ug/l	1	09/14/18 22:27	
Dibenzo (a,h) anthracene	ND	1.0	ug/l	1	09/14/18 22:27	
Diethyl phthalate	ND	1.0	ug/l	1	09/14/18 22:27	
Dimethyl phthalate	ND	1.0	ug/l	1	09/14/18 22:27	
Di-n-butyl phthalate	ND	1.0	ug/l	1	09/14/18 22:27	
Di-n-octyl phthalate	ND	1.0	ug/l	1	09/14/18 22:27	
Fluoranthene	ND	1.0	ug/l	1	09/14/18 22:27	
Fluorene	ND	1.0	ug/l	1	09/14/18 22:27	
Hexachlorobenzene	ND	1.0	ug/l	1	09/14/18 22:27	
Hexachlorobutadiene	ND	1.0	ug/l	1	09/14/18 22:27	
Hexachlorocyclopentadiene	ND	5.0	ug/l	1	09/14/18 22:27	
Hexachloroethane	ND	1.0	ug/l	1	09/14/18 22:27	
Indeno (1,2,3-cd) pyrene	ND	1.0	ug/l	1	09/14/18 22:27	
Isophorone	ND	1.0	ug/l	1	09/14/18 22:27	
Naphthalene	ND	1.0	ug/l	1	09/14/18 22:27	
Nitrobenzene	ND	1.0	ug/l	1	09/14/18 22:27	
N-Nitrosodimethylamine	ND	1.0	ug/l	1	09/14/18 22:27	
N-Nitrosodi-n-propylamine	ND	1.0	ug/l	1	09/14/18 22:27	
N-Nitrosodiphenylamine	ND	1.0	ug/l	1	09/14/18 22:27	
Pentachlorophenol	ND	1.0	ug/l	1	09/14/18 22:27	
Phenanthrene	ND	1.0	ug/l	1	09/14/18 22:27	
Phenol	ND	1.0	ug/l	1	09/14/18 22:27	
Pyrene	ND	1.0	ug/l	1	09/14/18 22:27	
Surrogate(s)						
2,4,6-Tribromophenol	*67%*	*25-102*	*Conc: 33.7*		*09/14/18 22:27*	
2-Fluorobiphenyl	*63%*	*22-107*	*Conc: 15.7*		*09/14/18 22:27*	

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Sample Results

(Continued)

Sample: SMBRP-9(405808-001)
8H24014-01 (Water)

Sampled: 08/23/18 8:30 by Client
(Continued)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 625 (Continued) **Batch ID:** W8H1519 **Instr:** GCMS06 **Prepared:** 08/27/18 08:39 **Analyst:** etn						
2-Fluorophenol	*42%*	*3-74*	*Conc: 21.2*		*09/14/18 22:27*	
Nitrobenzene-d5	*62%*	*27-111*	*Conc: 15.6*		*09/14/18 22:27*	
Phenol-d5	*26%*	*0.1-53*	*Conc: 13.1*		*09/14/18 22:27*	
Terphenyl-d14	*81%*	*28-113*	*Conc: 20.2*		*09/14/18 22:27*	

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Sample Results

(Continued)

Sample: MCWP-MW04D(405808-002) Sampled: 08/23/18 12:00 by Client

8H24014-02 (Water)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 1625M **Batch ID:** W8H1654 **Instr:** GCMS09 **Prepared:** 08/28/18 11:49 **Analyst:** mld						
N-Nitrosodimethylamine	ND	2.0	ng/l	1	08/29/18 20:08	
Method: EPA 300.1 **Batch ID:** W8H1526 **Instr:** LC08_Chan **Prepared:** 08/27/18 09:05 **Analyst:** dil						
Bromate	ND	25	ug/l	5	08/28/18 13:49	M-05
Chlorite	ND	50	ug/l	5	08/28/18 13:49	M-05
Surrogate(s)						
Dichloroacetate	*96%*	*90-115*	*Conc: 479*		*08/28/18 13:49*	
Method: EPA 504.1 **Batch ID:** W8H1645 **Instr:** GC03 **Prepared:** 08/28/18 15:44 **Analyst:** joh						
1,2-Dibromo-3-chloropropane	ND	0.010	ug/l	1	08/28/18 23:05	
1,2-Dibromoethane (EDB)	ND	0.020	ug/l	1	08/28/18 23:05	
Method: EPA 508 **Batch ID:** W8H1618 **Instr:** GC07 **Prepared:** 08/28/18 08:09 **Analyst:** rmr						
4,4´-DDD	ND	0.010	ug/l	1	09/05/18 01:32	
4,4´-DDE	ND	0.010	ug/l	1	09/05/18 01:32	
4,4´-DDT	ND	0.010	ug/l	1	09/05/18 01:32	
Aldrin	ND	0.010	ug/l	1	09/05/18 01:32	
alpha-BHC	ND	0.010	ug/l	1	09/05/18 01:32	
Aroclor 1016	ND	0.10	ug/l	1	09/05/18 01:32	
Aroclor 1221	ND	0.10	ug/l	1	09/05/18 01:32	
Aroclor 1232	ND	0.10	ug/l	1	09/05/18 01:32	
Aroclor 1242	ND	0.10	ug/l	1	09/05/18 01:32	
Aroclor 1248	ND	0.10	ug/l	1	09/05/18 01:32	
Aroclor 1254	ND	0.10	ug/l	1	09/05/18 01:32	
Aroclor 1260	ND	0.10	ug/l	1	09/05/18 01:32	
beta-BHC	ND	0.010	ug/l	1	09/05/18 01:32	
Chlordane (tech)	ND	0.10	ug/l	1	09/05/18 01:32	
Chlorothalonil	ND	0.050	ug/l	1	09/05/18 01:32	
delta-BHC	ND	0.010	ug/l	1	09/05/18 01:32	
Dieldrin	ND	0.010	ug/l	1	09/05/18 01:32	
Endosulfan I	ND	0.010	ug/l	1	09/05/18 01:32	
Endosulfan II	ND	0.010	ug/l	1	09/05/18 01:32	
Endosulfan sulfate	ND	0.010	ug/l	1	09/05/18 01:32	
Endrin	ND	0.010	ug/l	1	09/05/18 01:32	
Endrin aldehyde	ND	0.010	ug/l	1	09/05/18 01:32	
gamma-BHC (Lindane)	ND	0.010	ug/l	1	09/05/18 01:32	
Heptachlor	ND	0.010	ug/l	1	09/05/18 01:32	
Heptachlor epoxide	ND	0.010	ug/l	1	09/05/18 01:32	
Hexachlorobenzene	ND	0.050	ug/l	1	09/05/18 01:32	
Hexachlorocyclopentadiene	ND	0.050	ug/l	1	09/05/18 01:32	
Methoxychlor	ND	0.010	ug/l	1	09/05/18 01:32	
PCBs, Total	ND	0.50	ug/l	1	09/05/18 01:32	
Propachlor	ND	0.050	ug/l	1	09/05/18 01:32	
Toxaphene	ND	0.50	ug/l	1	09/05/18 01:32	

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Sample Results

(Continued)

Sample: MCWP-MW04D(405808-002) Sampled: 08/23/18 12:00 by Client

8H24014-02 (Water) (Continued)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 508 (Continued) **Batch ID:** W8H1618 **Instr:** GC07		**Prepared:** 08/28/18 08:09			**Analyst:** rmr	
Trifluralin	ND	0.010	ug/l	1	09/05/18 01:32	
Surrogate(s)						
Decachlorobiphenyl	*97%*	*70-130*	*Conc: 0.0970*		*09/05/18 01:32*	
Tetrachloro-meta-xylene	*95%*	*70-130*	*Conc: 0.0953*		*09/05/18 01:32*	
Method: EPA 515.3 **Batch ID:** W8I0012 **Instr:** GC08		**Prepared:** 09/04/18 07:50			**Analyst:** rmr	
2,4,5-T	ND	0.20	ug/l	1	09/11/18 04:19	
2,4,5-TP (Silvex)	ND	0.20	ug/l	1	09/11/18 04:19	
2,4-D	ND	0.40	ug/l	1	09/11/18 04:19	
2,4-DB	ND	2.0	ug/l	1	09/11/18 04:19	
3,5-Dichlorobenzoic acid	ND	1.0	ug/l	1	09/11/18 04:19	
Acifluorfen	ND	0.40	ug/l	1	09/11/18 04:19	
Bentazon	ND	2.0	ug/l	1	09/11/18 04:19	
Dalapon	ND	0.40	ug/l	1	09/11/18 04:19	
DCPA	ND	0.10	ug/l	1	09/11/18 04:19	
Dicamba	ND	0.60	ug/l	1	09/11/18 04:19	
Dichloroprop	ND	0.30	ug/l	1	09/11/18 04:19	
Dinoseb	ND	0.40	ug/l	1	09/11/18 04:19	
Pentachlorophenol	ND	0.20	ug/l	1	09/11/18 04:19	
Picloram	ND	0.60	ug/l	1	09/11/18 04:19	
Surrogate(s)						
2,4-DCAA	*108%*	*70-130*	*Conc: 10.8*		*09/11/18 04:19*	
Method: EPA 525.2 **Batch ID:** W8H1513 **Instr:** GCMS16		**Prepared:** 08/27/18 08:31			**Analyst:** etn	
Alachlor	ND	0.10	ug/l	1	09/06/18 01:18	
Atrazine	ND	0.10	ug/l	1	09/06/18 01:18	
Benzo (a) pyrene	ND	0.10	ug/l	1	09/06/18 01:18	
Bis(2-ethylhexyl)adipate	ND	2.0	ug/l	1	09/06/18 01:18	
Bis(2-ethylhexyl)phthalate	ND	2.0	ug/l	1	09/06/18 01:18	
Bromacil	ND	0.50	ug/l	1	09/06/18 01:18	
Butachlor	ND	0.10	ug/l	1	09/06/18 01:18	
Captan	ND	1.0	ug/l	1	09/06/18 01:18	
Chlorpropham	ND	0.10	ug/l	1	09/06/18 01:18	
Cyanazine	ND	0.10	ug/l	1	09/06/18 01:18	
Diazinon	ND	0.10	ug/l	1	09/06/18 01:18	
Dimethoate	ND	0.20	ug/l	1	09/06/18 01:18	
Diphenamid	ND	0.10	ug/l	1	09/06/18 01:18	
Disulfoton	ND	0.10	ug/l	1	09/06/18 01:18	
EPTC	ND	0.10	ug/l	1	09/06/18 01:18	
Metolachlor	ND	0.10	ug/l	1	09/06/18 01:18	
Metribuzin	ND	0.10	ug/l	1	09/06/18 01:18	
Molinate	ND	0.10	ug/l	1	09/06/18 01:18	
Prometon	ND	0.10	ug/l	1	09/06/18 01:18	

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Sample Results

(Continued)

Sample: MCWP-MW04D(405808-002) Sampled: 08/23/18 12:00 by Client

8H24014-02 (Water) (Continued)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 525.2 (Continued) **Batch ID:** W8H1513 **Instr:** GCMS16 **Prepared:** 08/27/18 08:31 **Analyst:** etn						
Prometryn	ND	0.10	ug/l	1	09/06/18 01:18	
Simazine	ND	0.10	ug/l	1	09/06/18 01:18	
Terbacil	ND	2.0	ug/l	1	09/06/18 01:18	
Thiobencarb	ND	0.10	ug/l	1	09/06/18 01:18	
Trithion	ND	0.10	ug/l	1	09/06/18 01:18	
Surrogate(s)						
1,3-Dimethyl-2-nitrobenzene	*106%*	*70-130*	*Conc: 5.30*		*09/06/18 01:18*	
Perylene-d12	*83%*	*50-120*	*Conc: 4.15*		*09/06/18 01:18*	
Triphenyl phosphate	*107%*	*70-130*	*Conc: 5.36*		*09/06/18 01:18*	
Method: EPA 531.1 **Batch ID:** W8H1676 **Instr:** LC10 **Prepared:** 08/28/18 14:39 **Analyst:** blg						
3-Hydroxycarbofuran	ND	2.0	ug/l	1	08/29/18 12:53	
Aldicarb	ND	2.0	ug/l	1	08/29/18 12:53	
Aldicarb sulfone	ND	2.0	ug/l	1	08/29/18 12:53	
Aldicarb sulfoxide	ND	2.0	ug/l	1	08/29/18 12:53	
Carbaryl	ND	2.0	ug/l	1	08/29/18 12:53	
Carbofuran	ND	2.0	ug/l	1	08/29/18 12:53	
Methiocarb	ND	2.0	ug/l	1	08/29/18 12:53	
Methomyl	ND	2.0	ug/l	1	08/29/18 12:53	
Oxamyl	ND	2.0	ug/l	1	08/29/18 12:53	
Propoxur (Baygon)	ND	2.0	ug/l	1	08/29/18 12:53	
Method: EPA 547 **Batch ID:** W8H1411 **Instr:** LC10 **Prepared:** 08/23/18 14:30 **Analyst:** blg						
Glyphosate	ND	5.0	ug/l	1	08/24/18 18:11	
Method: EPA 548.1 **Batch ID:** W8H1517 **Instr:** GCMS06 **Prepared:** 08/27/18 15:37 **Analyst:** etn						
Endothall	ND	40	ug/l	1	08/30/18 15:28	
Method: EPA 549.2 **Batch ID:** W8H1717 **Instr:** LC11 **Prepared:** 08/29/18 08:44 **Analyst:** blg						
Diquat	ND	2.0	ug/l	1	09/06/18 19:21	
Method: EPA 552.2 **Batch ID:** W8H1508 **Instr:** GC05 **Prepared:** 08/27/18 07:53 **Analyst:** cam						
Dibromoacetic acid (dbaa)	ND	1.0	ug/l	1	08/28/18 11:46	
Dichloroacetic acid (dcaa)	ND	1.0	ug/l	1	08/28/18 11:46	
HAA5, Total	ND	1.0	ug/l	1	08/28/18 11:46	
Monobromoacetic acid (mbaa)	ND	1.0	ug/l	1	08/28/18 11:46	
Monochloroacetic acid (mcaa)	ND	2.0	ug/l	1	08/28/18 11:46	
Trichloroacetic acid (tcaa)	ND	1.0	ug/l	1	08/28/18 11:46	
Surrogate(s)						
2,3-Dibromopropionic acid	*117%*	*70-130*	*Conc: 11.7*		*08/28/18 11:46*	
Method: EPA 625 **Batch ID:** W8H1519 **Instr:** GCMS06 **Prepared:** 08/27/18 08:39 **Analyst:** etn						
1,2,4-Trichlorobenzene	ND	1.0	ug/l	1	09/14/18 22:57	
1,2-Dichlorobenzene	ND	1.0	ug/l	1	09/14/18 22:57	
1,2-Diphenylhydrazine/Azobenzene	ND	1.0	ug/l	1	09/14/18 22:57	
1,3-Dichlorobenzene	ND	1.0	ug/l	1	09/14/18 22:57	
1,4-Dichlorobenzene	ND	1.0	ug/l	1	09/14/18 22:57	

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Sample Results

(Continued)

Sample: MCWP-MW04D(405808-002)
8H24014-02 (Water)

Sampled: 08/23/18 12:00 by Client
(Continued)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 625 (Continued) **Batch ID:** W8H1519 **Instr:** GCMS06 **Prepared:** 08/27/18 08:39 **Analyst:** etn						
2,4,6-Trichlorophenol	ND	1.0	ug/l	1	09/14/18 22:57	
2,4-Dichlorophenol	ND	1.0	ug/l	1	09/14/18 22:57	
2,4-Dimethylphenol	ND	1.0	ug/l	1	09/14/18 22:57	
2,4-Dinitrophenol	ND	5.0	ug/l	1	09/14/18 22:57	
2,4-Dinitrotoluene	ND	1.0	ug/l	1	09/14/18 22:57	
2,6-Dinitrotoluene	ND	1.0	ug/l	1	09/14/18 22:57	
2-Chloronaphthalene	ND	1.0	ug/l	1	09/14/18 22:57	
2-Chlorophenol	ND	1.0	ug/l	1	09/14/18 22:57	
2-Methyl-4,6-dinitrophenol	ND	1.0	ug/l	1	09/14/18 22:57	
2-Nitrophenol	ND	1.0	ug/l	1	09/14/18 22:57	
3,3'-Dichlorobenzidine	ND	1.0	ug/l	1	09/14/18 22:57	
4-Bromophenyl phenyl ether	ND	1.0	ug/l	1	09/14/18 22:57	
4-Chloro-3-methylphenol	ND	1.0	ug/l	1	09/14/18 22:57	
4-Chlorophenyl phenyl ether	ND	1.0	ug/l	1	09/14/18 22:57	
4-Nitrophenol	ND	2.0	ug/l	1	09/14/18 22:57	
Acenaphthene	ND	1.0	ug/l	1	09/14/18 22:57	
Acenaphthylene	ND	1.0	ug/l	1	09/14/18 22:57	
Anthracene	ND	1.0	ug/l	1	09/14/18 22:57	
Benzidine	ND	10	ug/l	1	09/14/18 22:57	
Benzo (a) anthracene	ND	1.0	ug/l	1	09/14/18 22:57	
Benzo (a) pyrene	ND	1.0	ug/l	1	09/14/18 22:57	
Benzo (b) fluoranthene	ND	1.0	ug/l	1	09/14/18 22:57	
Benzo (g,h,i) perylene	ND	1.0	ug/l	1	09/14/18 22:57	
Benzo (k) fluoranthene	ND	1.0	ug/l	1	09/14/18 22:57	
Bis(2-chloroethoxy)methane	ND	1.0	ug/l	1	09/14/18 22:57	
Bis(2-chloroethyl)ether	ND	1.0	ug/l	1	09/14/18 22:57	
Bis(2-chloroisopropyl)ether	ND	1.0	ug/l	1	09/14/18 22:57	
Bis(2-ethylhexyl)phthalate	**2.4**	2.0	ug/l	1	09/14/18 22:57	
Butyl benzyl phthalate	ND	1.0	ug/l	1	09/14/18 22:57	
Chrysene	ND	1.0	ug/l	1	09/14/18 22:57	
Dibenzo (a,h) anthracene	ND	1.0	ug/l	1	09/14/18 22:57	
Diethyl phthalate	ND	1.0	ug/l	1	09/14/18 22:57	
Dimethyl phthalate	ND	1.0	ug/l	1	09/14/18 22:57	
Di-n-butyl phthalate	ND	1.0	ug/l	1	09/14/18 22:57	
Di-n-octyl phthalate	ND	1.0	ug/l	1	09/14/18 22:57	
Fluoranthene	ND	1.0	ug/l	1	09/14/18 22:57	
Fluorene	ND	1.0	ug/l	1	09/14/18 22:57	
Hexachlorobenzene	ND	1.0	ug/l	1	09/14/18 22:57	
Hexachlorobutadiene	ND	1.0	ug/l	1	09/14/18 22:57	
Hexachlorocyclopentadiene	ND	5.0	ug/l	1	09/14/18 22:57	

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Sample Results

(Continued)

Sample: MCWP-MW04D(405808-002)
8H24014-02 (Water)

Sampled: 08/23/18 12:00 by Client
(Continued)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 625 (Continued) **Batch ID:** W8H1519 **Instr:** GCMS06 **Prepared:** 08/27/18 08:39 **Analyst:** etn						
Hexachloroethane	ND	1.0	ug/l	1	09/14/18 22:57	
Indeno (1,2,3-cd) pyrene	ND	1.0	ug/l	1	09/14/18 22:57	
Isophorone	ND	1.0	ug/l	1	09/14/18 22:57	
Naphthalene	ND	1.0	ug/l	1	09/14/18 22:57	
Nitrobenzene	ND	1.0	ug/l	1	09/14/18 22:57	
N-Nitrosodimethylamine	ND	1.0	ug/l	1	09/14/18 22:57	
N-Nitrosodi-n-propylamine	ND	1.0	ug/l	1	09/14/18 22:57	
N-Nitrosodiphenylamine	ND	1.0	ug/l	1	09/14/18 22:57	
Pentachlorophenol	ND	1.0	ug/l	1	09/14/18 22:57	
Phenanthrene	ND	1.0	ug/l	1	09/14/18 22:57	
Phenol	ND	1.0	ug/l	1	09/14/18 22:57	
Pyrene	ND	1.0	ug/l	1	09/14/18 22:57	
Surrogate(s)						
2,4,6-Tribromophenol	*63%*	*25-102*	*Conc: 31.6*		*09/14/18 22:57*	
2-Fluorobiphenyl	*60%*	*22-107*	*Conc: 15.0*		*09/14/18 22:57*	
2-Fluorophenol	*42%*	*3-74*	*Conc: 21.2*		*09/14/18 22:57*	
Nitrobenzene-d5	*59%*	*27-111*	*Conc: 14.8*		*09/14/18 22:57*	
Phenol-d5	*27%*	*0.1-53*	*Conc: 13.5*		*09/14/18 22:57*	
Terphenyl-d14	*93%*	*28-113*	*Conc: 23.2*		*09/14/18 22:57*	

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Quality Control Results

Acid and Base/Neutral Extractables by GC/MS

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1519 - EPA 625/L-L SF										
Blank (W8H1519-BLK1)				**Prepared: 08/27/18**	**Analyzed: 09/14/18**					
1,2,4-Trichlorobenzene	ND	1.0	ug/l							
1,2-Dichlorobenzene	ND	1.0	ug/l							
1,2-Diphenylhydrazine/Azobenzene	ND	1.0	ug/l							
1,3-Dichlorobenzene	ND	1.0	ug/l							
1,4-Dichlorobenzene	ND	1.0	ug/l							
2,4,6-Trichlorophenol	ND	1.0	ug/l							
2,4-Dichlorophenol	ND	1.0	ug/l							
2,4-Dimethylphenol	ND	1.0	ug/l							
2,4-Dinitrophenol	ND	5.0	ug/l							
2,4-Dinitrotoluene	ND	1.0	ug/l							
2,6-Dinitrotoluene	ND	1.0	ug/l							
2-Chloronaphthalene	ND	1.0	ug/l							
2-Chlorophenol	ND	1.0	ug/l							
2-Methyl-4,6-dinitrophenol	ND	1.0	ug/l							
2-Nitrophenol	ND	1.0	ug/l							
3,3'-Dichlorobenzidine	ND	1.0	ug/l							
4-Bromophenyl phenyl ether	ND	1.0	ug/l							
4-Chloro-3-methylphenol	ND	1.0	ug/l							
4-Chlorophenyl phenyl ether	ND	1.0	ug/l							
4-Nitrophenol	ND	2.0	ug/l							
Acenaphthene	ND	1.0	ug/l							
Acenaphthylene	ND	1.0	ug/l							
Anthracene	ND	1.0	ug/l							
Benzidine	ND	10	ug/l							
Benzo (a) anthracene	ND	1.0	ug/l							
Benzo (a) pyrene	ND	1.0	ug/l							
Benzo (b) fluoranthene	ND	1.0	ug/l							
Benzo (g,h,i) perylene	ND	1.0	ug/l							
Benzo (k) fluoranthene	ND	1.0	ug/l							
Bis(2-chloroethoxy)methane	ND	1.0	ug/l							
Bis(2-chloroethyl)ether	ND	1.0	ug/l							
Bis(2-chloroisopropyl)ether	ND	1.0	ug/l							
Bis(2-ethylhexyl)phthalate	ND	2.0	ug/l							
Butyl benzyl phthalate	ND	1.0	ug/l							
Chrysene	ND	1.0	ug/l							
Dibenzo (a,h) anthracene	ND	1.0	ug/l							
Diethyl phthalate	ND	1.0	ug/l							
Dimethyl phthalate	ND	1.0	ug/l							
Di-n-butyl phthalate	ND	1.0	ug/l							
Di-n-octyl phthalate	ND	1.0	ug/l							
Fluoranthene	ND	1.0	ug/l							
Fluorene	ND	1.0	ug/l							

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Quality Control Results

(Continued)

Acid and Base/Neutral Extractables by GC/MS (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1519 - EPA 625/L-L SF (Continued)										
Blank (W8H1519-BLK1)				**Prepared: 08/27/18 Analyzed: 09/14/18**						
Hexachlorobenzene	ND	1.0	ug/l							
Hexachlorobutadiene	ND	1.0	ug/l							
Hexachlorocyclopentadiene	ND	5.0	ug/l							
Hexachloroethane	ND	1.0	ug/l							
Indeno (1,2,3-cd) pyrene	ND	1.0	ug/l							
Isophorone	ND	1.0	ug/l							
Naphthalene	ND	1.0	ug/l							
Nitrobenzene	ND	1.0	ug/l							
N-Nitrosodimethylamine	ND	1.0	ug/l							
N-Nitrosodi-n-propylamine	ND	1.0	ug/l							
N-Nitrosodiphenylamine	ND	1.0	ug/l							
Pentachlorophenol	ND	1.0	ug/l							
Phenanthrene	ND	1.0	ug/l							
Phenol	ND	1.0	ug/l							
Pyrene	ND	1.0	ug/l							
Surrogate(s)										
2,4,6-Tribromophenol	*29.3*		*ug/l*	*50.0*		*59*	*25-102*			
2-Fluorobiphenyl	*14.9*		*ug/l*	*25.0*		*60*	*22-107*			
2-Fluorophenol	*21.5*		*ug/l*	*50.0*		*43*	*3-74*			
Nitrobenzene-d5	*15.4*		*ug/l*	*25.0*		*62*	*27-111*			
Phenol-d5	*13.5*		*ug/l*	*50.0*		*27*	*0.1-53*			
Terphenyl-d14	*22.9*		*ug/l*	*25.0*		*92*	*28-113*			
LCS (W8H1519-BS1)				**Prepared: 08/27/18 Analyzed: 09/14/18**						
1,2,4-Trichlorobenzene	15.5	1.0	ug/l	25.0		62	44-142			
1,2-Dichlorobenzene	15.3	1.0	ug/l	25.0		61	32-129			
1,3-Dichlorobenzene	14.9	1.0	ug/l	25.0		59	0.1-172			
1,4-Dichlorobenzene	15.2	1.0	ug/l	25.0		61	20-124			
2,4,6-Trichlorophenol	16.3	1.0	ug/l	25.0		65	37-144			
2,4-Dichlorophenol	16.9	1.0	ug/l	25.0		67	39-135			
2,4-Dimethylphenol	13.6	1.0	ug/l	25.0		54	32-119			
2,4-Dinitrophenol	20.0	5.0	ug/l	25.0		80	0.1-191			
2,4-Dinitrotoluene	21.8	1.0	ug/l	25.0		87	39-139			
2,6-Dinitrotoluene	18.1	1.0	ug/l	25.0		72	50-158			
2-Chloronaphthalene	16.2	1.0	ug/l	25.0		65	60-118			
2-Chlorophenol	15.0	1.0	ug/l	25.0		60	23-134			
2-Methyl-4,6-dinitrophenol	20.9	1.0	ug/l	25.0		83	0.1-181			
2-Nitrophenol	17.2	1.0	ug/l	25.0		69	29-182			
3,3'-Dichlorobenzidine	17.3	1.0	ug/l	25.0		69	0.1-262			
4-Bromophenyl phenyl ether	20.5	1.0	ug/l	25.0		82	53-127			
4-Chloro-3-methylphenol	15.9	1.0	ug/l	25.0		64	22-147			
4-Chlorophenyl phenyl ether	17.8	1.0	ug/l	25.0		71	25-158			
4-Nitrophenol	9.49	2.0	ug/l	25.0		38	0.1-132			
Acenaphthene	16.6	1.0	ug/l	25.0		66	47-145			

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Quality Control Results

(Continued)

Acid and Base/Neutral Extractables by GC/MS (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1519 - EPA 625/L-L SF (Continued)										
LCS (W8H1519-BS1)				**Prepared: 08/27/18**	**Analyzed: 09/14/18**					
Acenaphthylene	17.9	1.0	ug/l	25.0		71	33-145			
Anthracene	20.5	1.0	ug/l	25.0		82	27-133			
Benzo (a) anthracene	23.5	1.0	ug/l	25.0		94	33-143			
Benzo (a) pyrene	23.4	1.0	ug/l	25.0		94	17-163			
Benzo (b) fluoranthene	23.4	1.0	ug/l	25.0		93	24-159			
Benzo (g,h,i) perylene	25.8	1.0	ug/l	25.0		103	0.1-219			
Benzo (k) fluoranthene	23.9	1.0	ug/l	25.0		96	11-162			
Bis(2-chloroethoxy)methane	15.0	1.0	ug/l	25.0		60	33-184			
Bis(2-chloroethyl)ether	16.1	1.0	ug/l	25.0		64	12-158			
Bis(2-chloroisopropyl)ether	14.2	1.0	ug/l	25.0		57	36-166			
Bis(2-ethylhexyl)phthalate	27.3	2.0	ug/l	25.0		109	8-158			
Butyl benzyl phthalate	24.0	1.0	ug/l	25.0		96	0.1-152			
Chrysene	22.0	1.0	ug/l	25.0		88	17-168			
Dibenzo (a,h) anthracene	24.9	1.0	ug/l	25.0		100	0.1-227			
Diethyl phthalate	19.7	1.0	ug/l	25.0		79	0.1-114			
Dimethyl phthalate	17.7	1.0	ug/l	25.0		71	0.1-112			
Di-n-butyl phthalate	23.6	1.0	ug/l	25.0		95	1-118			
Di-n-octyl phthalate	21.7	1.0	ug/l	25.0		87	4-146			
Fluoranthene	23.3	1.0	ug/l	25.0		93	26-137			
Fluorene	18.1	1.0	ug/l	25.0		72	59-121			
Hexachlorobenzene	19.7	1.0	ug/l	25.0		79	0.1-152			
Hexachlorobutadiene	15.2	1.0	ug/l	25.0		61	24-116			
Hexachlorocyclopentadiene	6.50	5.0	ug/l	25.0		26	0.1-81			
Hexachloroethane	15.7	1.0	ug/l	25.0		63	40-113			
Indeno (1,2,3-cd) pyrene	26.4	1.0	ug/l	25.0		106	0.1-171			
Isophorone	13.3	1.0	ug/l	25.0		53	21-196			
Naphthalene	15.5	1.0	ug/l	25.0		62	21-133			
Nitrobenzene	16.7	1.0	ug/l	25.0		67	35-180			
N-Nitrosodimethylamine	10.9	1.0	ug/l	25.0		44	20-83			
N-Nitrosodi-n-propylamine	15.7	1.0	ug/l	25.0		63	0.1-230			
N-Nitrosodiphenylamine	16.2	1.0	ug/l	25.0		65	42-90			
Pentachlorophenol	17.3	1.0	ug/l	25.0		69	14-176			
Phenanthrene	20.7	1.0	ug/l	25.0		83	54-120			
Phenol	6.34	1.0	ug/l	25.0		25	5-112			
Pyrene	23.5	1.0	ug/l	25.0		94	52-115			
Surrogate(s)										
2,4,6-Tribromophenol	*40.0*		*ug/l*	*50.0*		*80*	*25-102*			
2-Fluorobiphenyl	*16.0*		*ug/l*	*25.0*		*64*	*22-107*			
2-Fluorophenol	*21.4*		*ug/l*	*50.0*		*43*	*3-74*			
Nitrobenzene-d5	*16.1*		*ug/l*	*25.0*		*64*	*27-111*			
Phenol-d5	*13.7*		*ug/l*	*50.0*		*27*	*0.1-53*			
Terphenyl-d14	*23.8*		*ug/l*	*25.0*		*95*	*28-113*			

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Quality Control Results

(Continued)

Acid and Base/Neutral Extractables by GC/MS (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1519 - EPA 625/L-L SF (Continued)										
LCS Dup (W8H1519-BSD1)				**Prepared: 08/27/18**	**Analyzed: 09/14/18**					
1,2,4-Trichlorobenzene	16.1	1.0	ug/l	25.0		64	44-142	4	30	
1,2-Dichlorobenzene	16.1	1.0	ug/l	25.0		64	32-129	5	30	
1,3-Dichlorobenzene	15.4	1.0	ug/l	25.0		62	0.1-172	4	30	
1,4-Dichlorobenzene	15.9	1.0	ug/l	25.0		64	20-124	5	30	
2,4,6-Trichlorophenol	16.9	1.0	ug/l	25.0		68	37-144	4	30	
2,4-Dichlorophenol	17.3	1.0	ug/l	25.0		69	39-135	3	30	
2,4-Dimethylphenol	14.5	1.0	ug/l	25.0		58	32-119	7	30	
2,4-Dinitrophenol	22.8	5.0	ug/l	25.0		91	0.1-191	13	30	
2,4-Dinitrotoluene	21.1	1.0	ug/l	25.0		84	39-139	3	30	
2,6-Dinitrotoluene	17.4	1.0	ug/l	25.0		70	50-158	4	30	
2-Chloronaphthalene	17.1	1.0	ug/l	25.0		68	60-118	5	30	
2-Chlorophenol	15.8	1.0	ug/l	25.0		63	23-134	5	30	
2-Methyl-4,6-dinitrophenol	22.9	1.0	ug/l	25.0		91	0.1-181	9	30	
2-Nitrophenol	17.7	1.0	ug/l	25.0		71	29-182	3	30	
3,3'-Dichlorobenzidine	18.9	1.0	ug/l	25.0		76	0.1-262	9	30	
4-Bromophenyl phenyl ether	19.8	1.0	ug/l	25.0		79	53-127	3	30	
4-Chloro-3-methylphenol	16.8	1.0	ug/l	25.0		67	22-147	6	30	
4-Chlorophenyl phenyl ether	17.7	1.0	ug/l	25.0		71	25-158	0.6	30	
4-Nitrophenol	9.24	2.0	ug/l	25.0		37	0.1-132	3	30	
Acenaphthene	17.2	1.0	ug/l	25.0		69	47-145	4	30	
Acenaphthylene	18.3	1.0	ug/l	25.0		73	33-145	2	30	
Anthracene	20.2	1.0	ug/l	25.0		81	27-133	1	30	
Benzo (a) anthracene	25.7	1.0	ug/l	25.0		103	33-143	9	30	
Benzo (a) pyrene	24.8	1.0	ug/l	25.0		99	17-163	6	30	
Benzo (b) fluoranthene	24.0	1.0	ug/l	25.0		96	24-159	3	30	
Benzo (g,h,i) perylene	25.2	1.0	ug/l	25.0		101	0.1-219	2	30	
Benzo (k) fluoranthene	24.5	1.0	ug/l	25.0		98	11-162	2	30	
Bis(2-chloroethoxy)methane	15.4	1.0	ug/l	25.0		62	33-184	2	30	
Bis(2-chloroethyl)ether	16.7	1.0	ug/l	25.0		67	12-158	4	30	
Bis(2-chloroisopropyl)ether	14.6	1.0	ug/l	25.0		59	36-166	3	30	
Bis(2-ethylhexyl)phthalate	29.2	2.0	ug/l	25.0		117	8-158	7	30	
Butyl benzyl phthalate	24.8	1.0	ug/l	25.0		99	0.1-152	3	30	
Chrysene	21.6	1.0	ug/l	25.0		86	17-168	2	30	
Dibenzo (a,h) anthracene	25.1	1.0	ug/l	25.0		100	0.1-227	0.5	30	
Diethyl phthalate	19.3	1.0	ug/l	25.0		77	0.1-114	2	30	
Dimethyl phthalate	17.4	1.0	ug/l	25.0		69	0.1-112	2	30	
Di-n-butyl phthalate	23.8	1.0	ug/l	25.0		95	1-118	0.6	30	
Di-n-octyl phthalate	21.6	1.0	ug/l	25.0		87	4-146	0.6	30	
Fluoranthene	23.6	1.0	ug/l	25.0		94	26-137	1	30	
Fluorene	18.2	1.0	ug/l	25.0		73	59-121	0.5	30	
Hexachlorobenzene	19.1	1.0	ug/l	25.0		76	0.1-152	3	30	
Hexachlorobutadiene	16.3	1.0	ug/l	25.0		65	24-116	7	30	

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Quality Control Results

(Continued)

Acid and Base/Neutral Extractables by GC/MS (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1519 - EPA 625/L-L SF (Continued)										
LCS Dup (W8H1519-BSD1)				**Prepared: 08/27/18**	**Analyzed: 09/14/18**					
Hexachlorocyclopentadiene	7.31	5.0	ug/l	25.0		29	0.1-81	12	30	
Hexachloroethane	16.6	1.0	ug/l	25.0		66	40-113	6	30	
Indeno (1,2,3-cd) pyrene	26.5	1.0	ug/l	25.0		106	0.1-171	0.6	30	
Isophorone	13.5	1.0	ug/l	25.0		54	21-196	1	30	
Naphthalene	16.5	1.0	ug/l	25.0		66	21-133	6	30	
Nitrobenzene	17.4	1.0	ug/l	25.0		69	35-180	4	30	
N-Nitrosodimethylamine	11.2	1.0	ug/l	25.0		45	20-83	3	30	
N-Nitrosodi-n-propylamine	16.0	1.0	ug/l	25.0		64	0.1-230	2	30	
N-Nitrosodiphenylamine	15.6	1.0	ug/l	25.0		62	42-90	4	30	
Pentachlorophenol	16.7	1.0	ug/l	25.0		67	14-176	3	30	
Phenanthrene	20.3	1.0	ug/l	25.0		81	54-120	2	30	
Phenol	6.60	1.0	ug/l	25.0		26	5-112	4	30	
Pyrene	23.6	1.0	ug/l	25.0		94	52-115	0.3	30	
Surrogate(s)										
2,4,6-Tribromophenol	*38.0*		*ug/l*	*50.0*		*76*	*25-102*			
2-Fluorobiphenyl	*16.9*		*ug/l*	*25.0*		*68*	*22-107*			
2-Fluorophenol	*21.9*		*ug/l*	*50.0*		*44*	*3-74*			
Nitrobenzene-d5	*16.2*		*ug/l*	*25.0*		*65*	*27-111*			
Phenol-d5	*14.0*		*ug/l*	*50.0*		*28*	*0.1-53*			
Terphenyl-d14	*24.4*		*ug/l*	*25.0*		*97*	*28-113*			

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Quality Control Results

(Continued)

Anions by IC, EPA Method 300.1

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1526 - EPA 300.1/Dir Inj										
Blank (W8H1526-BLK1)				**Prepared & Analyzed: 08/27/18**						
Bromate	ND	5.0	ug/l							
Chlorite	ND	10	ug/l							
Surrogate(s)										
Dichloroacetate	*497*		*ug/l*	*500*		*99*	*90-115*			
Dichloroacetate	*497*		*ug/l*	*500*		*99*	*90-115*			
LCS (W8H1526-BS1)				**Prepared & Analyzed: 08/27/18**						
Bromate	93.1	5.0	ug/l	100		93	85-115			
Chlorite	90.2	10	ug/l	100		90	85-115			
Surrogate(s)										
Dichloroacetate	*509*		*ug/l*	*500*		*102*	*90-115*			
Dichloroacetate	*509*		*ug/l*	*500*		*102*	*90-115*			
Matrix Spike (W8H1526-MS1)	**Source: 8H15004-03**			**Prepared & Analyzed: 08/27/18**						
Bromate	80.6	5.0	ug/l	100	*ND*	81	64-133			
Chlorite	85.4	10	ug/l	100	*ND*	85	78-129			
Surrogate(s)										
Dichloroacetate	*497*		*ug/l*	*500*		*99*	*90-115*			
Dichloroacetate	*497*		*ug/l*	*500*		*99*	*90-115*			
Matrix Spike (W8H1526-MS2)	**Source: 8H15004-04**			**Prepared & Analyzed: 08/27/18**						
Bromate	253	25	ug/l	500	*ND*	51	64-133			MS-05
Chlorite	440	50	ug/l	500	*ND*	88	78-129			
Surrogate(s)										
Dichloroacetate	*532*		*ug/l*	*500*		*106*	*90-115*			
Dichloroacetate	*532*		*ug/l*	*500*		*106*	*90-115*			
Matrix Spike Dup (W8H1526-MSD1)	**Source: 8H15004-03**			**Prepared & Analyzed: 08/27/18**						
Bromate	82.7	5.0	ug/l	100	*ND*	83	64-133	3	20	
Chlorite	84.9	10	ug/l	100	*ND*	85	78-129	0.6	20	
Surrogate(s)										
Dichloroacetate	*496*		*ug/l*	*500*		*99*	*90-115*			
Dichloroacetate	*496*		*ug/l*	*500*		*99*	*90-115*			
Matrix Spike Dup (W8H1526-MSD2)	**Source: 8H15004-04**			**Prepared & Analyzed: 08/27/18**						
Bromate	251	25	ug/l	500	*ND*	50	64-133	1	20	MS-05
Chlorite	432	50	ug/l	500	*ND*	86	78-129	2	20	
Surrogate(s)										
Dichloroacetate	*514*		*ug/l*	*500*		*103*	*90-115*			
Dichloroacetate	*514*		*ug/l*	*500*		*103*	*90-115*			

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Quality Control Results

(Continued)

Carbamates and Urea Pesticides

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1676 - Direct Injection										
Blank (W8H1676-BLK1)				**Prepared & Analyzed: 08/28/18**						
3-Hydroxycarbofuran	ND	2.0	ug/l							
Aldicarb	ND	2.0	ug/l							
Aldicarb sulfone	ND	2.0	ug/l							
Aldicarb sulfoxide	ND	2.0	ug/l							
Carbaryl	ND	2.0	ug/l							
Carbofuran	ND	2.0	ug/l							
Methiocarb	ND	2.0	ug/l							
Methomyl	ND	2.0	ug/l							
Oxamyl	ND	2.0	ug/l							
Propoxur (Baygon)	ND	2.0	ug/l							
LCS (W8H1676-BS1)				**Prepared & Analyzed: 08/28/18**						
3-Hydroxycarbofuran	9.06	2.0	ug/l	10.0		91	80-120			
Aldicarb	9.99	2.0	ug/l	10.0		100	80-120			
Aldicarb sulfone	10.1	2.0	ug/l	10.0		101	80-120			
Aldicarb sulfoxide	9.91	2.0	ug/l	10.0		99	80-120			
Carbaryl	10.7	2.0	ug/l	10.0		107	80-120			
Carbofuran	9.82	2.0	ug/l	10.0		98	80-120			
Methiocarb	9.76	2.0	ug/l	10.0		98	80-120			
Methomyl	11.0	2.0	ug/l	10.0		110	80-120			
Oxamyl	10.9	2.0	ug/l	10.0		109	80-120			
Propoxur (Baygon)	9.73	2.0	ug/l	10.0		97	80-120			
Matrix Spike (W8H1676-MS1)	**Source: 8H06085-01**			**Prepared & Analyzed: 08/28/18**						
3-Hydroxycarbofuran	9.88	2.0	ug/l	10.0	*ND*	99	65-135			
Aldicarb	9.90	2.0	ug/l	10.0	*ND*	99	65-135			
Aldicarb sulfone	10.4	2.0	ug/l	10.0	*ND*	104	65-135			
Aldicarb sulfoxide	10.1	2.0	ug/l	10.0	*ND*	101	65-135			
Carbaryl	10.6	2.0	ug/l	10.0	*ND*	106	65-135			
Carbofuran	10.4	2.0	ug/l	10.0	*ND*	104	65-135			
Methiocarb	10.3	2.0	ug/l	10.0	*ND*	103	65-135			
Methomyl	9.15	2.0	ug/l	10.0	*ND*	91	65-135			
Oxamyl	11.7	2.0	ug/l	10.0	*ND*	117	65-135			
Propoxur (Baygon)	9.62	2.0	ug/l	10.0	*ND*	96	65-135			
Matrix Spike Dup (W8H1676-MSD1)	**Source: 8H06085-01**			**Prepared & Analyzed: 08/28/18**						
3-Hydroxycarbofuran	9.37	2.0	ug/l	10.0	*ND*	94	65-135	5	30	
Aldicarb	9.64	2.0	ug/l	10.0	*ND*	96	65-135	3	30	
Aldicarb sulfone	10.1	2.0	ug/l	10.0	*ND*	101	65-135	3	30	
Aldicarb sulfoxide	9.83	2.0	ug/l	10.0	*ND*	98	65-135	2	30	
Carbaryl	10.4	2.0	ug/l	10.0	*ND*	104	65-135	2	30	
Carbofuran	10.4	2.0	ug/l	10.0	*ND*	104	65-135	0.5	30	
Methiocarb	10.6	2.0	ug/l	10.0	*ND*	106	65-135	2	30	
Methomyl	10.7	2.0	ug/l	10.0	*ND*	107	65-135	16	30	
Oxamyl	10.2	2.0	ug/l	10.0	*ND*	102	65-135	14	30	

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Quality Control Results

(Continued)

Carbamates and Urea Pesticides (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1676 - Direct Injection (Continued)										
Matrix Spike Dup (W8H1676-MSD1)	**Source: 8H06085-01**			**Prepared & Analyzed: 08/28/18**						
Propoxur (Baygon)	10.3	2.0	ug/l	10.0	*ND*	103	65-135	7	30	

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Quality Control Results

(Continued)

Chlorinated Acids Herbicides by GC/ECD

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8I0012 - EPA 515.3/Micro Ext. Drtz.										
Blank (W8I0012-BLK1)				**Prepared: 09/04/18 Analyzed: 09/11/18**						
2,4,5-T	ND	0.20	ug/l							
2,4,5-TP (Silvex)	ND	0.20	ug/l							
2,4-D	ND	0.40	ug/l							
2,4-DB	ND	2.0	ug/l							
3,5-Dichlorobenzoic acid	ND	1.0	ug/l							
Acifluorfen	ND	0.40	ug/l							
Bentazon	ND	2.0	ug/l							
Dalapon	ND	0.40	ug/l							
DCPA	ND	0.10	ug/l							
Dicamba	ND	0.60	ug/l							
Dichloroprop	ND	0.30	ug/l							
Dinoseb	ND	0.40	ug/l							
Pentachlorophenol	ND	0.20	ug/l							
Picloram	ND	0.60	ug/l							
Surrogate(s)										
2,4-DCAA	*9.27*		*ug/l*	*10.0*		*93*	*70-130*			
LCS (W8I0012-BS1)				**Prepared: 09/04/18 Analyzed: 09/11/18**						
2,4,5-T	4.82	0.20	ug/l	4.00		120	70-130			
2,4,5-TP (Silvex)	4.68	0.20	ug/l	4.00		117	70-130			
2,4-D	9.30	0.40	ug/l	8.00		116	70-130			
2,4-DB	20.7	2.0	ug/l	16.0		129	70-130			
3,5-Dichlorobenzoic acid	9.04	1.0	ug/l	8.00		113	70-130			
Acifluorfen	4.64	0.40	ug/l	4.00		116	70-130			
Bentazon	15.9	2.0	ug/l	16.0		100	70-130			
Dalapon	7.45	0.40	ug/l	8.00		93	70-130			
DCPA	4.57	0.10	ug/l	4.00		114	70-130			
Dicamba	9.66	0.60	ug/l	8.00		121	70-130			
Dichloroprop	8.75	0.30	ug/l	8.00		109	70-130			
Dinoseb	4.81	0.40	ug/l	4.00		120	70-130			
Pentachlorophenol	4.12	0.20	ug/l	4.00		103	70-130			
Picloram	4.59	0.60	ug/l	4.00		115	70-130			
Surrogate(s)										
2,4-DCAA	*10.6*		*ug/l*	*10.0*		*106*	*70-130*			
Matrix Spike (W8I0012-MS1)	**Source: 8H24014-01**			**Prepared: 09/04/18 Analyzed: 09/11/18**						
2,4,5-T	4.53	0.20	ug/l	4.00	*ND*	113	70-130			
2,4,5-TP (Silvex)	4.27	0.20	ug/l	4.00	*ND*	107	70-130			
2,4-D	7.88	0.40	ug/l	8.00	*ND*	99	70-130			
2,4-DB	18.3	2.0	ug/l	16.0	*ND*	114	70-130			
3,5-Dichlorobenzoic acid	8.20	1.0	ug/l	8.00	*ND*	103	70-130			
Acifluorfen	4.40	0.40	ug/l	4.00	*ND*	110	70-130			
Bentazon	14.4	2.0	ug/l	16.0	*ND*	90	70-130			
Dalapon	6.06	0.40	ug/l	8.00	*ND*	76	70-130			
DCPA	4.30	0.10	ug/l	4.00	*ND*	108	70-130			

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Quality Control Results

(Continued)

Chlorinated Acids Herbicides by GC/ECD (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8I0012 - EPA 515.3/Micro Ext. Drtz. (Continued)										
Matrix Spike (W8I0012-MS1)	**Source: 8H24014-01**			**Prepared: 09/04/18**	**Analyzed: 09/11/18**					
Dicamba	6.46	0.60	ug/l	8.00	*ND*	81	70-130			
Dichloroprop	7.82	0.30	ug/l	8.00	*ND*	98	70-130			
Dinoseb	4.25	0.40	ug/l	4.00	*ND*	106	70-130			
Pentachlorophenol	3.66	0.20	ug/l	4.00	*ND*	91	70-130			
Picloram	4.27	0.60	ug/l	4.00	*ND*	107	70-130			
Surrogate(s)										
2,4-DCAA	*9.52*		*ug/l*	*10.0*		*95*	*70-130*			
Matrix Spike (W8I0012-MS2)	**Source: 8H24014-02**			**Prepared: 09/04/18**	**Analyzed: 09/11/18**					
2,4,5-T	4.69	0.20	ug/l	4.00	*ND*	117	70-130			
2,4,5-TP (Silvex)	4.55	0.20	ug/l	4.00	*ND*	114	70-130			
2,4-D	8.77	0.40	ug/l	8.00	*ND*	110	70-130			
2,4-DB	19.7	2.0	ug/l	16.0	*ND*	123	70-130			
3,5-Dichlorobenzoic acid	8.78	1.0	ug/l	8.00	*ND*	110	70-130			
Acifluorfen	4.51	0.40	ug/l	4.00	*ND*	113	70-130			
Bentazon	15.4	2.0	ug/l	16.0	*ND*	96	70-130			
Dalapon	7.10	0.40	ug/l	8.00	*ND*	89	70-130			
DCPA	4.47	0.10	ug/l	4.00	*ND*	112	70-130			
Dicamba	7.88	0.60	ug/l	8.00	*ND*	98	70-130			
Dichloroprop	8.53	0.30	ug/l	8.00	*ND*	107	70-130			
Dinoseb	4.64	0.40	ug/l	4.00	*ND*	116	70-130			
Pentachlorophenol	3.90	0.20	ug/l	4.00	*ND*	98	70-130			
Picloram	4.50	0.60	ug/l	4.00	*ND*	113	70-130			
Surrogate(s)										
2,4-DCAA	*10.3*		*ug/l*	*10.0*		*103*	*70-130*			
Matrix Spike Dup (W8I0012-MSD1)	**Source: 8H24014-01**			**Prepared: 09/04/18**	**Analyzed: 09/11/18**					
2,4,5-T	4.53	0.20	ug/l	4.00	*ND*	113	70-130	0.09	30	
2,4,5-TP (Silvex)	4.42	0.20	ug/l	4.00	*ND*	110	70-130	3	30	
2,4-D	8.58	0.40	ug/l	8.00	*ND*	107	70-130	8	30	
2,4-DB	18.6	2.0	ug/l	16.0	*ND*	116	70-130	2	30	
3,5-Dichlorobenzoic acid	8.47	1.0	ug/l	8.00	*ND*	106	70-130	3	30	
Acifluorfen	4.49	0.40	ug/l	4.00	*ND*	112	70-130	2	30	
Bentazon	15.0	2.0	ug/l	16.0	*ND*	94	70-130	5	30	
Dalapon	6.41	0.40	ug/l	8.00	*ND*	80	70-130	6	30	
DCPA	4.36	0.10	ug/l	4.00	*ND*	109	70-130	1	30	
Dicamba	6.71	0.60	ug/l	8.00	*ND*	84	70-130	4	30	
Dichloroprop	8.34	0.30	ug/l	8.00	*ND*	104	70-130	6	30	
Dinoseb	4.47	0.40	ug/l	4.00	*ND*	112	70-130	5	30	
Pentachlorophenol	3.76	0.20	ug/l	4.00	*ND*	94	70-130	3	30	
Picloram	4.37	0.60	ug/l	4.00	*ND*	109	70-130	2	30	
Surrogate(s)										
2,4-DCAA	*10.2*		*ug/l*	*10.0*		*102*	*70-130*			
Matrix Spike Dup (W8I0012-MSD2)	**Source: 8H24014-02**			**Prepared: 09/04/18**	**Analyzed: 09/11/18**					
2,4,5-T	4.41	0.20	ug/l	4.00	*ND*	110	70-130	6	30	

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Quality Control Results

(Continued)

Chlorinated Acids Herbicides by GC/ECD (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8I0012 - EPA 515.3/Micro Ext. Drtz. (Continued)										
Matrix Spike Dup (W8I0012-MSD2)	**Source: 8H24014-02**			**Prepared: 09/04/18**	**Analyzed: 09/11/18**					
2,4,5-TP (Silvex)	4.38	0.20	ug/l	4.00	*ND*	110	70-130	4	30	
2,4-D	8.44	0.40	ug/l	8.00	*ND*	106	70-130	4	30	
2,4-DB	17.0	2.0	ug/l	16.0	*ND*	106	70-130	15	30	
3,5-Dichlorobenzoic acid	8.62	1.0	ug/l	8.00	*ND*	108	70-130	2	30	
Acifluorfen	4.51	0.40	ug/l	4.00	*ND*	113	70-130	0.07	30	
Bentazon	15.5	2.0	ug/l	16.0	*ND*	97	70-130	0.2	30	
Dalapon	7.10	0.40	ug/l	8.00	*ND*	89	70-130	0.04	30	
DCPA	4.31	0.10	ug/l	4.00	*ND*	108	70-130	4	30	
Dicamba	6.77	0.60	ug/l	8.00	*ND*	85	70-130	15	30	
Dichloroprop	8.37	0.30	ug/l	8.00	*ND*	105	70-130	2	30	
Dinoseb	4.36	0.40	ug/l	4.00	*ND*	109	70-130	6	30	
Pentachlorophenol	3.86	0.20	ug/l	4.00	*ND*	97	70-130	0.9	30	
Picloram	4.38	0.60	ug/l	4.00	*ND*	109	70-130	3	30	
Surrogate(s)										
2,4-DCAA	*10.3*		*ug/l*	*10.0*		*103*	*70-130*			

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Quality Control Results

(Continued)

Chlorinated Pesticides and/or PCBs by GC/ECD

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1618 - EPA 508/L-L SF										
Blank (W8H1618-BLK1)				**Prepared: 08/28/18 Analyzed: 09/04/18**						
4,4´-DDD	ND	0.010	ug/l							
4,4´-DDE	ND	0.010	ug/l							
4,4´-DDT	ND	0.010	ug/l							
Aldrin	ND	0.010	ug/l							
alpha-BHC	ND	0.010	ug/l							
Aroclor 1016	ND	0.10	ug/l							
Aroclor 1221	ND	0.10	ug/l							
Aroclor 1232	ND	0.10	ug/l							
Aroclor 1242	ND	0.10	ug/l							
Aroclor 1248	ND	0.10	ug/l							
Aroclor 1254	ND	0.10	ug/l							
Aroclor 1260	ND	0.10	ug/l							
beta-BHC	ND	0.010	ug/l							
Chlordane (tech)	ND	0.10	ug/l							
Chlorothalonil	ND	0.050	ug/l							
delta-BHC	ND	0.010	ug/l							
Dieldrin	ND	0.010	ug/l							
Endosulfan I	ND	0.010	ug/l							
Endosulfan II	ND	0.010	ug/l							
Endosulfan sulfate	ND	0.010	ug/l							
Endrin	ND	0.010	ug/l							
Endrin aldehyde	ND	0.010	ug/l							
gamma-BHC (Lindane)	ND	0.010	ug/l							
Heptachlor	ND	0.010	ug/l							
Heptachlor epoxide	ND	0.010	ug/l							
Hexachlorobenzene	ND	0.050	ug/l							
Hexachlorocyclopentadiene	ND	0.050	ug/l							
Methoxychlor	ND	0.010	ug/l							
PCBs, Total	ND	0.50	ug/l							
Propachlor	ND	0.050	ug/l							
Toxaphene	ND	0.50	ug/l							
Trifluralin	ND	0.010	ug/l							
Surrogate(s)										
Decachlorobiphenyl		*0.107*	*ug/l*	*0.100*		*107*	*70-130*			
Tetrachloro-meta-xylene		*0.0862*	*ug/l*	*0.100*		*86*	*70-130*			
Blank (W8H1618-BLK2)				**Prepared: 08/28/18 Analyzed: 09/07/18**						
4,4´-DDD	ND	0.010	ug/l							QC-2
4,4´-DDE	ND	0.010	ug/l							QC-2
4,4´-DDT	ND	0.010	ug/l							QC-2
Aldrin	ND	0.010	ug/l							QC-2
alpha-BHC	ND	0.010	ug/l							QC-2
Aroclor 1016	ND	0.10	ug/l							QC-2
Aroclor 1221	ND	0.10	ug/l							QC-2

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Quality Control Results

(Continued)

Chlorinated Pesticides and/or PCBs by GC/ECD (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1618 - EPA 508/L-L SF (Continued)										
Blank (W8H1618-BLK2)				**Prepared: 08/28/18 Analyzed: 09/07/18**						
Aroclor 1232	ND	0.10	ug/l							QC-2
Aroclor 1242	ND	0.10	ug/l							QC-2
Aroclor 1248	ND	0.10	ug/l							QC-2
Aroclor 1254	ND	0.10	ug/l							QC-2
Aroclor 1260	ND	0.10	ug/l							QC-2
beta-BHC	ND	0.010	ug/l							QC-2
Chlordane (tech)	ND	0.10	ug/l							QC-2
Chlorothalonil	ND	0.050	ug/l							QC-2
delta-BHC	ND	0.010	ug/l							QC-2
Dieldrin	ND	0.010	ug/l							QC-2
Endosulfan I	ND	0.010	ug/l							QC-2
Endosulfan II	ND	0.010	ug/l							QC-2
Endosulfan sulfate	ND	0.010	ug/l							QC-2
Endrin	ND	0.010	ug/l							QC-2
Endrin aldehyde	ND	0.010	ug/l							QC-2
gamma-BHC (Lindane)	ND	0.010	ug/l							QC-2
Heptachlor	ND	0.010	ug/l							QC-2
Heptachlor epoxide	ND	0.010	ug/l							QC-2
Hexachlorobenzene	ND	0.050	ug/l							QC-2
Hexachlorocyclopentadiene	ND	0.050	ug/l							QC-2
Methoxychlor	ND	0.010	ug/l							QC-2
PCBs, Total	ND	0.50	ug/l							QC-2
Propachlor	ND	0.050	ug/l							QC-2
Toxaphene	ND	0.50	ug/l							QC-2
Trifluralin	ND	0.010	ug/l							QC-2
Surrogate(s)										
Decachlorobiphenyl	*0.119*		*ug/l*	*0.100*		*119*	*70-130*			QC-2
Tetrachloro-meta-xylene	*0.0893*		*ug/l*	*0.100*		*89*	*70-130*			QC-2
LCS (W8H1618-BS1)				**Prepared: 08/28/18 Analyzed: 09/04/18**						
4,4´-DDD	0.0939	0.010	ug/l	0.100		94	55-142			
4,4´-DDE	0.0884	0.010	ug/l	0.100		88	49-129			
4,4´-DDT	0.0960	0.010	ug/l	0.100		96	54-160			
Aldrin	0.0816	0.010	ug/l	0.100		82	29-115			
alpha-BHC	0.0825	0.010	ug/l	0.100		83	59-131			
beta-BHC	0.0987	0.010	ug/l	0.100		99	63-136			
delta-BHC	0.0982	0.010	ug/l	0.100		98	59-137			
Dieldrin	0.0925	0.010	ug/l	0.100		93	59-135			
Endosulfan I	0.0932	0.010	ug/l	0.100		93	28-138			
Endosulfan II	0.0901	0.010	ug/l	0.100		90	53-133			
Endosulfan sulfate	0.110	0.010	ug/l	0.100		110	58-155			
Endrin	0.0874	0.010	ug/l	0.100		87	57-148			
Endrin aldehyde	0.0778	0.010	ug/l	0.100		78	45-139			
gamma-BHC (Lindane)	0.0840	0.010	ug/l	0.100		84	59-129			

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Quality Control Results

(Continued)

Chlorinated Pesticides and/or PCBs by GC/ECD (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1618 - EPA 508/L-L SF (Continued)										
LCS (W8H1618-BS1)				**Prepared: 08/28/18 Analyzed: 09/04/18**						
Heptachlor	0.0821	0.010	ug/l	0.100		82	42-136			
Heptachlor epoxide	0.0959	0.010	ug/l	0.100		96	59-134			
Methoxychlor	0.0970	0.010	ug/l	0.100		97	56-167			
Surrogate(s)										
Decachlorobiphenyl		*0.106*	*ug/l*	*0.100*		*106*	*70-130*			
Tetrachloro-meta-xylene		*0.0940*	*ug/l*	*0.100*		*94*	*70-130*			
LCS (W8H1618-BS2)				**Prepared: 08/28/18 Analyzed: 09/04/18**						
Aroclor 1016	1.08	0.10	ug/l	1.00		108	49-152			
Aroclor 1260	2.45	0.10	ug/l	1.00		245	52-146			Q-08
Surrogate(s)										
Decachlorobiphenyl		*0.126*	*ug/l*	*0.100*		*126*	*70-130*			
Tetrachloro-meta-xylene		*0.0960*	*ug/l*	*0.100*		*96*	*70-130*			
LCS (W8H1618-BS3)				**Prepared: 08/28/18 Analyzed: 09/07/18**						
4,4´-DDD	0.0991	0.010	ug/l	0.100		99	55-142			QC-2
4,4´-DDE	0.0943	0.010	ug/l	0.100		94	49-129			QC-2
4,4´-DDT	0.107	0.010	ug/l	0.100		107	54-160			QC-2
Aldrin	0.0843	0.010	ug/l	0.100		84	29-115			QC-2
alpha-BHC	0.0858	0.010	ug/l	0.100		86	59-131			QC-2
beta-BHC	0.0973	0.010	ug/l	0.100		97	63-136			QC-2
delta-BHC	0.105	0.010	ug/l	0.100		105	59-137			QC-2
Dieldrin	0.0994	0.010	ug/l	0.100		99	59-135			QC-2
Endosulfan I	0.0982	0.010	ug/l	0.100		98	28-138			QC-2
Endosulfan II	0.0964	0.010	ug/l	0.100		96	53-133			QC-2
Endosulfan sulfate	0.117	0.010	ug/l	0.100		117	58-155			QC-2
Endrin	0.101	0.010	ug/l	0.100		101	57-148			QC-2
Endrin aldehyde	0.0763	0.010	ug/l	0.100		76	45-139			QC-2
gamma-BHC (Lindane)	0.0869	0.010	ug/l	0.100		87	59-129			QC-2
Heptachlor	0.0847	0.010	ug/l	0.100		85	42-136			QC-2
Heptachlor epoxide	0.0998	0.010	ug/l	0.100		100	59-134			QC-2
Methoxychlor	0.110	0.010	ug/l	0.100		110	56-167			QC-2
Surrogate(s)										
Decachlorobiphenyl		*0.129*	*ug/l*	*0.100*		*129*	*70-130*			*QC-2*
Tetrachloro-meta-xylene		*0.0951*	*ug/l*	*0.100*		*95*	*70-130*			*QC-2*
LCS Dup (W8H1618-BSD1)				**Prepared: 08/28/18 Analyzed: 09/04/18**						
4,4´-DDD	0.0942	0.010	ug/l	0.100		94	55-142	0.4	25	
4,4´-DDE	0.0907	0.010	ug/l	0.100		91	49-129	3	25	
4,4´-DDT	0.0962	0.010	ug/l	0.100		96	54-160	0.2	25	
Aldrin	0.0809	0.010	ug/l	0.100		81	29-115	0.9	25	
alpha-BHC	0.0859	0.010	ug/l	0.100		86	59-131	4	25	
beta-BHC	0.0989	0.010	ug/l	0.100		99	63-136	0.2	25	
delta-BHC	0.0982	0.010	ug/l	0.100		98	59-137	0.02	25	
Dieldrin	0.0967	0.010	ug/l	0.100		97	59-135	4	25	
Endosulfan I	0.0938	0.010	ug/l	0.100		94	28-138	0.6	25	

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Quality Control Results

(Continued)

Chlorinated Pesticides and/or PCBs by GC/ECD (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1618 - EPA 508/L-L SF (Continued)										
LCS Dup (W8H1618-BSD1)				**Prepared: 08/28/18**	**Analyzed: 09/04/18**					
Endosulfan II	0.0918	0.010	ug/l	0.100		92	53-133	2	25	
Endosulfan sulfate	0.105	0.010	ug/l	0.100		105	58-155	5	25	
Endrin	0.0878	0.010	ug/l	0.100		88	57-148	0.5	25	
Endrin aldehyde	0.0831	0.010	ug/l	0.100		83	45-139	7	25	
gamma-BHC (Lindane)	0.0854	0.010	ug/l	0.100		85	59-129	2	25	
Heptachlor	0.0851	0.010	ug/l	0.100		85	42-136	4	25	
Heptachlor epoxide	0.0989	0.010	ug/l	0.100		99	59-134	3	25	
Methoxychlor	0.0941	0.010	ug/l	0.100		94	56-167	3	25	
Surrogate(s)										
Decachlorobiphenyl		*0.100*	*ug/l*	*0.100*		*100*	*70-130*			
Tetrachloro-meta-xylene		*0.0918*	*ug/l*	*0.100*		*92*	*70-130*			
LCS Dup (W8H1618-BSD2)				**Prepared: 08/28/18**	**Analyzed: 09/04/18**					
Aroclor 1016	1.12	0.10	ug/l	1.00		112	49-152	3	25	
Aroclor 1260	2.59	0.10	ug/l	1.00		259	52-146	6	25	Q-08
Surrogate(s)										
Decachlorobiphenyl		*0.0945*	*ug/l*	*0.100*		*94*	*70-130*			
Tetrachloro-meta-xylene		*0.0948*	*ug/l*	*0.100*		*95*	*70-130*			
LCS Dup (W8H1618-BSD3)				**Prepared: 08/28/18**	**Analyzed: 09/07/18**					
4,4´-DDD	0.110	0.010	ug/l	0.100		110	55-142	10	25	QC-2
4,4´-DDE	0.102	0.010	ug/l	0.100		102	49-129	8	25	QC-2
4,4´-DDT	0.116	0.010	ug/l	0.100		116	54-160	7	25	QC-2
Aldrin	0.0854	0.010	ug/l	0.100		85	29-115	1	25	QC-2
alpha-BHC	0.0955	0.010	ug/l	0.100		96	59-131	11	25	QC-2
beta-BHC	0.106	0.010	ug/l	0.100		106	63-136	8	25	QC-2
delta-BHC	0.113	0.010	ug/l	0.100		113	59-137	7	25	QC-2
Dieldrin	0.108	0.010	ug/l	0.100		108	59-135	8	25	QC-2
Endosulfan I	0.105	0.010	ug/l	0.100		105	28-138	7	25	QC-2
Endosulfan II	0.104	0.010	ug/l	0.100		104	53-133	8	25	QC-2
Endosulfan sulfate	0.116	0.010	ug/l	0.100		116	58-155	1	25	QC-2
Endrin	0.111	0.010	ug/l	0.100		111	57-148	9	25	QC-2
Endrin aldehyde	0.0895	0.010	ug/l	0.100		89	45-139	16	25	QC-2
gamma-BHC (Lindane)	0.0947	0.010	ug/l	0.100		95	59-129	9	25	QC-2
Heptachlor	0.0953	0.010	ug/l	0.100		95	42-136	12	25	QC-2
Heptachlor epoxide	0.108	0.010	ug/l	0.100		108	59-134	8	25	QC-2
Methoxychlor	0.118	0.010	ug/l	0.100		118	56-167	8	25	QC-2
Surrogate(s)										
Decachlorobiphenyl		*0.129*	*ug/l*	*0.100*		*129*	*70-130*			*QC-2*
Tetrachloro-meta-xylene		*0.0976*	*ug/l*	*0.100*		*98*	*70-130*			*QC-2*

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Quality Control Results

(Continued)

Diquat and Paraquat by EPA 549.2

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1717 - EPA 549.2/SPE										
Blank (W8H1717-BLK1)				**Prepared: 08/29/18 Analyzed: 09/06/18**						
Diquat	ND	2.0	ug/l							
LCS (W8H1717-BS1)				**Prepared: 08/29/18 Analyzed: 09/06/18**						
Diquat	17.7	2.0	ug/l	20.0		89	70-130			
Matrix Spike (W8H1717-MS1)	**Source: 8H23090-01**			**Prepared: 08/29/18 Analyzed: 09/06/18**						
Diquat	2.85	2.0	ug/l	20.0	*ND*	14	46-122			MS-05
Matrix Spike Dup (W8H1717-MSD1)	**Source: 8H23090-01**			**Prepared: 08/29/18 Analyzed: 09/06/18**						
Diquat	0.412	2.0	ug/l	20.0	*ND*	2	46-122	150	30	MS-05

Endothall By EPA 548.1

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1517 - EPA 548.1/SPE										
Blank (W8H1517-BLK1)				**Prepared: 08/27/18 Analyzed: 08/30/18**						
Endothall	ND	40	ug/l							
LCS (W8H1517-BS1)				**Prepared: 08/27/18 Analyzed: 08/30/18**						
Endothall	90.4	40	ug/l	100		90	31-117			
Matrix Spike (W8H1517-MS1)	**Source: 8H23090-01**			**Prepared: 08/27/18 Analyzed: 08/30/18**						
Endothall	9.36	80	ug/l	200	*ND*	5	0.1-109			
Matrix Spike Dup (W8H1517-MSD1)	**Source: 8H23090-01**			**Prepared: 08/27/18 Analyzed: 08/30/18**						
Endothall	8.38	80	ug/l	200	*ND*	4	0.1-109	11	30	

Fumigants by EPA Method 504.1

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1645 - EPA 504.1/Micro Ext.										
Blank (W8H1645-BLK1)				**Prepared & Analyzed: 08/28/18**						
1,2-Dibromo-3-chloropropane	ND	0.010	ug/l							
1,2-Dibromoethane (EDB)	ND	0.020	ug/l							
LCS (W8H1645-BS1)				**Prepared & Analyzed: 08/28/18**						
1,2-Dibromo-3-chloropropane	0.105	0.010	ug/l	0.100		105	70-130			
1,2-Dibromoethane (EDB)	0.103	0.020	ug/l	0.100		103	70-130			
LCS (W8H1645-BS2)				**Prepared & Analyzed: 08/28/18**						
1,2-Dibromo-3-chloropropane	0.0807	0.010	ug/l	0.100		81	70-130			
1,2-Dibromoethane (EDB)	0.0803	0.020	ug/l	0.100		80	70-130			
LCS (W8H1645-BS3)				**Prepared & Analyzed: 08/28/18**						
1,2-Dibromo-3-chloropropane	0.0171	0.010	ug/l	0.0200		85	70-130			
1,2-Dibromoethane (EDB)	0.0190	0.020	ug/l	0.0200		95	70-130			
Matrix Spike (W8H1645-MS1)	**Source: 8H27108-01**			**Prepared & Analyzed: 08/28/18**						
1,2-Dibromo-3-chloropropane	0.142	0.010	ug/l	0.100	*0.0228*	119	65-135			
1,2-Dibromoethane (EDB)	0.0745	0.020	ug/l	0.100	*ND*	75	65-135			
Matrix Spike Dup (W8H1645-MSD1)	**Source: 8H27108-01**			**Prepared & Analyzed: 08/28/18**						
1,2-Dibromo-3-chloropropane	0.140	0.010	ug/l	0.100	*0.0228*	117	65-135	2	30	
1,2-Dibromoethane (EDB)	0.0971	0.020	ug/l	0.100	*ND*	97	65-135	26	30	

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Quality Control Results

(Continued)

Glyphosate by EPA 547

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1411 - Direct Injection										
Blank (W8H1411-BLK1)				**Prepared: 08/23/18**	**Analyzed: 08/24/18**					
Glyphosate	ND	5.0	ug/l							
LCS (W8H1411-BS1)				**Prepared: 08/23/18**	**Analyzed: 08/24/18**					
Glyphosate	26.0	5.0	ug/l	25.0		104	70-130			
Matrix Spike (W8H1411-MS1)	**Source: 8H22006-01**			**Prepared: 08/23/18**	**Analyzed: 08/24/18**					
Glyphosate	25.0	5.0	ug/l	25.0	*ND*	100	41-149			
Matrix Spike (W8H1411-MS2)	**Source: 8H22006-02**			**Prepared: 08/23/18**	**Analyzed: 08/24/18**					
Glyphosate	20.1	5.0	ug/l	25.0	*ND*	80	41-149			
Matrix Spike Dup (W8H1411-MSD1)	**Source: 8H22006-01**			**Prepared: 08/23/18**	**Analyzed: 08/24/18**					
Glyphosate	18.3	5.0	ug/l	25.0	*ND*	73	41-149	31	30	MS-05
Matrix Spike Dup (W8H1411-MSD2)	**Source: 8H22006-02**			**Prepared: 08/23/18**	**Analyzed: 08/24/18**					
Glyphosate	21.3	5.0	ug/l	25.0	*ND*	85	41-149	6	30	

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Quality Control Results

(Continued)

Haloacetic Acids (HAAs) by GC/ECD

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1508 - EPA 552.2/Micro Ext. Drtz										
Blank (W8H1508-BLK1)				**Prepared: 08/27/18**	**Analyzed: 08/28/18**					
Dibromoacetic acid (dbaa)	ND	1.0	ug/l							
Dichloroacetic acid (dcaa)	ND	1.0	ug/l							
HAA5, Total	ND	1.0	ug/l							
Monobromoacetic acid (mbaa)	ND	1.0	ug/l							
Monochloroacetic acid (mcaa)	ND	2.0	ug/l							
Trichloroacetic acid (tcaa)	ND	1.0	ug/l							
Surrogate(s)										
2,3-Dibromopropionic acid		*9.28*	*ug/l*	*10.0*		*93*	*70-130*			
LCS (W8H1508-BS1)				**Prepared: 08/27/18**	**Analyzed: 08/28/18**					
Dibromoacetic acid (dbaa)	9.47	1.0	ug/l	10.0		95	70-130			
Dichloroacetic acid (dcaa)	12.4	1.0	ug/l	10.0		124	70-130			
Monobromoacetic acid (mbaa)	10.5	1.0	ug/l	10.0		105	70-130			
Monochloroacetic acid (mcaa)	9.69	2.0	ug/l	10.0		97	70-130			
Trichloroacetic acid (tcaa)	9.97	1.0	ug/l	10.0		100	70-130			
Surrogate(s)										
2,3-Dibromopropionic acid		*10.2*	*ug/l*	*10.0*		*102*	*70-130*			
MRL Check (W8H1508-MRL1)				**Prepared: 08/27/18**	**Analyzed: 08/24/18**					
Dibromoacetic acid (dbaa)	8.93	1.0	ug/l	10.0		89	70-130			
Dichloroacetic acid (dcaa)	11.3	1.0	ug/l	10.0		113	70-130			
Monobromoacetic acid (mbaa)	9.94	1.0	ug/l	10.0		99	70-130			
Monochloroacetic acid (mcaa)	9.27	2.0	ug/l	10.0		93	70-130			
Trichloroacetic acid (tcaa)	11.3	1.0	ug/l	10.0		113	70-130			
Surrogate(s)										
2,3-Dibromopropionic acid		*9.69*	*ug/l*	*10.0*		*97*	*70-130*			
MRL Check (W8H1508-MRL2)				**Prepared: 08/27/18**	**Analyzed: 09/07/18**					
Dibromoacetic acid (dbaa)	ND	1.0	ug/l	10.0			70-130			
Dichloroacetic acid (dcaa)	ND	1.0	ug/l	10.0			70-130			
Monobromoacetic acid (mbaa)	ND	1.0	ug/l	10.0			70-130			
Monochloroacetic acid (mcaa)	ND	2.0	ug/l	10.0			70-130			
Trichloroacetic acid (tcaa)	ND	1.0	ug/l	10.0			70-130			
Surrogate(s)										
2,3-Dibromopropionic acid		*0.00*	*ug/l*	*10.0*			*70-130*			
MRL Check (W8H1508-MRL3)				**Prepared: 08/27/18**	**Analyzed: 09/07/18**					
Dibromoacetic acid (dbaa)	ND	1.0	ug/l	10.0			70-130			
Dichloroacetic acid (dcaa)	ND	1.0	ug/l	10.0			70-130			
Monobromoacetic acid (mbaa)	ND	1.0	ug/l	10.0			70-130			
Monochloroacetic acid (mcaa)	ND	2.0	ug/l	10.0			70-130			
Trichloroacetic acid (tcaa)	ND	1.0	ug/l	10.0			70-130			
Surrogate(s)										
2,3-Dibromopropionic acid		*0.00*	*ug/l*	*10.0*			*70-130*			
MRL Check (W8H1508-MRL4)				**Prepared: 08/27/18**	**Analyzed: 09/07/18**					
Dibromoacetic acid (dbaa)	ND	1.0	ug/l	10.0			70-130			
Dichloroacetic acid (dcaa)	ND	1.0	ug/l	10.0			70-130			
Monobromoacetic acid (mbaa)	ND	1.0	ug/l	10.0			70-130			

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Quality Control Results

(Continued)

Haloacetic Acids (HAAs) by GC/ECD (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1508 - EPA 552.2/Micro Ext. Drtz (Continued)										
MRL Check (W8H1508-MRL4)				**Prepared: 08/27/18**	**Analyzed: 09/07/18**					
Monochloroacetic acid (mcaa)	ND	2.0	ug/l	10.0			70-130			
Trichloroacetic acid (tcaa)	ND	1.0	ug/l	10.0			70-130			
Surrogate(s)										
2,3-Dibromopropionic acid	*0.00*		*ug/l*	*10.0*			*70-130*			
Matrix Spike (W8H1508-MS1)	**Source: 8H21104-01**			**Prepared: 08/27/18**	**Analyzed: 08/28/18**					
Dibromoacetic acid (dbaa)	11.8	1.0	ug/l	10.0	*2.27*	96	70-130			
Dichloroacetic acid (dcaa)	14.1	1.0	ug/l	10.0	*1.46*	127	70-130			
Monobromoacetic acid (mbaa)	9.93	1.0	ug/l	10.0	*ND*	99	70-130			
Monochloroacetic acid (mcaa)	10.6	2.0	ug/l	10.0	*ND*	106	70-130			
Trichloroacetic acid (tcaa)	10.8	1.0	ug/l	10.0	*0.920*	99	70-130			
Surrogate(s)										
2,3-Dibromopropionic acid	*10.8*		*ug/l*	*10.0*		*108*	*70-130*			
Matrix Spike (W8H1508-MS2)	**Source: 8H21104-02**			**Prepared: 08/27/18**	**Analyzed: 08/28/18**					
Dibromoacetic acid (dbaa)	11.9	1.0	ug/l	10.0	*2.68*	92	70-130			
Dichloroacetic acid (dcaa)	14.2	1.0	ug/l	10.0	*1.87*	124	70-130			
Monobromoacetic acid (mbaa)	9.75	1.0	ug/l	10.0	*ND*	98	70-130			
Monochloroacetic acid (mcaa)	10.4	2.0	ug/l	10.0	*ND*	104	70-130			
Trichloroacetic acid (tcaa)	11.2	1.0	ug/l	10.0	*1.02*	101	70-130			
Surrogate(s)										
2,3-Dibromopropionic acid	*10.1*		*ug/l*	*10.0*		*101*	*70-130*			
Matrix Spike Dup (W8H1508-MSD1)	**Source: 8H21104-01**			**Prepared: 08/27/18**	**Analyzed: 08/28/18**					
Dibromoacetic acid (dbaa)	11.6	1.0	ug/l	10.0	*2.27*	93	70-130	2	30	
Dichloroacetic acid (dcaa)	14.1	1.0	ug/l	10.0	*1.46*	126	70-130	0.5	30	
Monobromoacetic acid (mbaa)	9.88	1.0	ug/l	10.0	*ND*	99	70-130	0.5	30	
Monochloroacetic acid (mcaa)	10.5	2.0	ug/l	10.0	*ND*	105	70-130	1	30	
Trichloroacetic acid (tcaa)	11.0	1.0	ug/l	10.0	*0.920*	101	70-130	2	30	
Surrogate(s)										
2,3-Dibromopropionic acid	*10.1*		*ug/l*	*10.0*		*101*	*70-130*			
Matrix Spike Dup (W8H1508-MSD2)	**Source: 8H21104-02**			**Prepared: 08/27/18**	**Analyzed: 08/28/18**					
Dibromoacetic acid (dbaa)	12.9	1.0	ug/l	10.0	*2.68*	103	70-130	8	30	
Dichloroacetic acid (dcaa)	15.5	1.0	ug/l	10.0	*1.87*	136	70-130	8	30	MS-05
Monobromoacetic acid (mbaa)	10.7	1.0	ug/l	10.0	*ND*	107	70-130	9	30	
Monochloroacetic acid (mcaa)	11.1	2.0	ug/l	10.0	*ND*	111	70-130	7	30	
Trichloroacetic acid (tcaa)	12.1	1.0	ug/l	10.0	*1.02*	111	70-130	8	30	
Surrogate(s)										
2,3-Dibromopropionic acid	*11.5*		*ug/l*	*10.0*		*115*	*70-130*			

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Quality Control Results

(Continued)

Nitrosamines by isotopic dilution GC/MS CI Mode

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1654 - EPA 3535/SPE										
Blank (W8H1654-BLK1)				**Prepared: 08/28/18**	**Analyzed: 08/29/18**					
N-Nitrosodimethylamine	ND	2.0	ng/l							
LCS (W8H1654-BS1)				**Prepared: 08/28/18**	**Analyzed: 08/29/18**					
N-Nitrosodimethylamine	2.89	2.0	ng/l	3.00		96	50-150			
LCS Dup (W8H1654-BSD1)				**Prepared: 08/28/18**	**Analyzed: 08/29/18**					
N-Nitrosodimethylamine	2.70	2.0	ng/l	3.00		90	50-150	7	50	

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Quality Control Results

(Continued)

Semivolatile Organic Compounds by GC/MS

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1513 - EPA 525.2/SPE										
Blank (W8H1513-BLK1)				**Prepared: 08/27/18 Analyzed: 09/05/18**						
Alachlor	ND	0.10	ug/l							
Atrazine	ND	0.10	ug/l							
Benzo (a) pyrene	ND	0.10	ug/l							
Bis(2-ethylhexyl)adipate	ND	2.0	ug/l							
Bis(2-ethylhexyl)phthalate	ND	2.0	ug/l							
Bromacil	ND	0.50	ug/l							
Butachlor	ND	0.10	ug/l							
Captan	ND	1.0	ug/l							
Chlorpropham	ND	0.10	ug/l							
Cyanazine	ND	0.10	ug/l							
Diazinon	ND	0.10	ug/l							
Dimethoate	ND	0.20	ug/l							
Diphenamid	ND	0.10	ug/l							
Disulfoton	ND	0.10	ug/l							
EPTC	ND	0.10	ug/l							
Metolachlor	ND	0.10	ug/l							
Metribuzin	ND	0.10	ug/l							
Molinate	ND	0.10	ug/l							
Naphthalene	ND		ug/l							
Prometon	ND	0.10	ug/l							
Prometryn	ND	0.10	ug/l							
Propachlor	ND		ug/l							
Simazine	ND	0.10	ug/l							
Terbacil	ND	2.0	ug/l							
Thiobencarb	ND	0.10	ug/l							
Trithion	ND	0.10	ug/l							
Surrogate(s)										
1,3-Dimethyl-2-nitrobenzene		*5.03*	*ug/l*	*5.00*		*101*	*70-130*			
Perylene-d12		*3.89*	*ug/l*	*5.00*		*78*	*50-120*			
Triphenyl phosphate		*4.22*	*ug/l*	*5.00*		*84*	*70-130*			
LCS (W8H1513-BS1)				**Prepared: 08/27/18 Analyzed: 09/05/18**						
Alachlor	5.62	0.10	ug/l	5.00		112	70-130			
Atrazine	5.73	0.10	ug/l	5.00		115	70-130			
Benzo (a) pyrene	4.47	0.10	ug/l	5.00		89	60-130			
Bis(2-ethylhexyl)adipate	5.39	2.0	ug/l	5.00		108	70-130			
Bis(2-ethylhexyl)phthalate	5.54	2.0	ug/l	5.00		111	70-130			
Bromacil	5.01	0.50	ug/l	5.00		100	70-130			
Butachlor	5.19	0.10	ug/l	5.00		104	70-130			
Captan	4.07	1.0	ug/l	5.00		81	70-130			
Chlorpropham	5.58	0.10	ug/l	5.00		112	70-130			
Cyanazine	5.73	0.10	ug/l	5.00		115	70-130			
Diazinon	4.40	0.10	ug/l	5.00		88	50-120			
Dimethoate	3.73	0.20	ug/l	5.00		75	50-120			

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Quality Control Results

(Continued)

Semivolatile Organic Compounds by GC/MS (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1513 - EPA 525.2/SPE (Continued)										
LCS (W8H1513-BS1)				**Prepared: 08/27/18 Analyzed: 09/05/18**						
Diphenamid	5.66	0.10	ug/l	5.00		113	70-130			
Disulfoton	4.31	0.10	ug/l	5.00		86	50-120			
EPTC	5.20	0.10	ug/l	5.00		104	70-130			
Metolachlor	5.43	0.10	ug/l	5.00		109	60-130			
Metribuzin	5.18	0.10	ug/l	5.00		104	50-120			
Molinate	5.14	0.10	ug/l	5.00		103	70-130			
Naphthalene	4.51		ug/l	5.00		90	70-130			
Prometon	2.04	0.10	ug/l	5.00		41	15-120			
Prometryn	4.39	0.10	ug/l	5.00		88	30-120			
Simazine	4.74	0.10	ug/l	5.00		95	60-130			
Terbacil	5.25	2.0	ug/l	5.00		105	70-130			
Thiobencarb	5.15	0.10	ug/l	5.00		103	70-130			
Trithion	5.34	0.10	ug/l	5.00		107	70-130			
Surrogate(s)										
1,3-Dimethyl-2-nitrobenzene	*4.75*		*ug/l*	*5.00*		*95*	*70-130*			
Perylene-d12	*4.74*		*ug/l*	*5.00*		*95*	*50-120*			
Triphenyl phosphate	*5.44*		*ug/l*	*5.00*		*109*	*70-130*			
LCS Dup (W8H1513-BSD1)				**Prepared: 08/27/18 Analyzed: 09/05/18**						
Alachlor	5.74	0.10	ug/l	5.00		115	70-130	2	30	
Atrazine	5.61	0.10	ug/l	5.00		112	70-130	2	30	
Benzo (a) pyrene	4.49	0.10	ug/l	5.00		90	60-130	0.3	30	
Bis(2-ethylhexyl)adipate	5.40	2.0	ug/l	5.00		108	70-130	0.3	30	
Bis(2-ethylhexyl)phthalate	5.63	2.0	ug/l	5.00		113	70-130	2	30	
Bromacil	5.20	0.50	ug/l	5.00		104	70-130	4	30	
Butachlor	5.35	0.10	ug/l	5.00		107	70-130	3	30	
Captan	4.08	1.0	ug/l	5.00		82	70-130	0.4	30	
Chlorpropham	5.74	0.10	ug/l	5.00		115	70-130	3	30	
Cyanazine	6.06	0.10	ug/l	5.00		121	70-130	6	30	
Diazinon	4.15	0.10	ug/l	5.00		83	50-120	6	30	
Dimethoate	4.17	0.20	ug/l	5.00		83	50-120	11	30	
Diphenamid	5.62	0.10	ug/l	5.00		112	70-130	0.7	30	
Disulfoton	4.34	0.10	ug/l	5.00		87	50-120	0.5	30	
EPTC	5.44	0.10	ug/l	5.00		109	70-130	4	30	
Metolachlor	5.47	0.10	ug/l	5.00		109	60-130	0.8	30	
Metribuzin	5.65	0.10	ug/l	5.00		113	50-120	9	30	
Molinate	5.26	0.10	ug/l	5.00		105	70-130	2	30	
Naphthalene	4.92		ug/l	5.00		98	70-130	9	30	
Prometon	1.90	0.10	ug/l	5.00		38	15-120	7	30	
Prometryn	4.58	0.10	ug/l	5.00		92	30-120	4	30	
Simazine	4.78	0.10	ug/l	5.00		96	60-130	0.8	30	
Terbacil	5.97	2.0	ug/l	5.00		119	70-130	13	30	
Thiobencarb	5.32	0.10	ug/l	5.00		106	70-130	3	30	
Trithion	5.26	0.10	ug/l	5.00		105	70-130	2	30	

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Quality Control Results

(Continued)

Semivolatile Organic Compounds by GC/MS (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1513 - EPA 525.2/SPE (Continued)										
LCS Dup (W8H1513-BSD1)				**Prepared: 08/27/18**	**Analyzed: 09/05/18**					
Surrogate(s)										
1,3-Dimethyl-2-nitrobenzene		*5.18*	*ug/l*	*5.00*		*104*	*70-130*			
Perylene-d12		*4.82*	*ug/l*	*5.00*		*96*	*50-120*			
Triphenyl phosphate		*5.39*	*ug/l*	*5.00*		*108*	*70-130*			

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Notes and Definitions

Item	Definition
M-05	Due to the nature of matrix interferences, sample was diluted prior to analysis. The MDL and MRL were raised due to the dilution.
MS-05	The spike recovery and/or RPD were outside acceptance limits for the MS and/or MSD due to possible matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
Q-08	High bias in the QC sample does not affect sample result since analyte was not detected or below the reporting limit.
QC-2	This QC sample was reanalyzed to complement samples that require re-analysis on different date. See analysis date.
S-03	High surrogate recovery for this sample is possibly due to a sample matrix effect. The data was accepted since all target analytes were not detected.
S-GC	Surrogate recovery outside of control limits due to a possible matrix effect . The data was accepted based on valid recovery of the remaining surrogate.
ND	NOT DETECTED at or above the Method Reporting Limit (MRL). If Method Detection Limit (MDL) is reported, then ND means not detected at or above the MDL.
Dil	Dilution
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
% Rec	Percent Recovery
Source	Sample that was matrix spiked or duplicated.
MDL	Method Detection Limit
MRL	The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence. The MRL is also known as Limit of Quantitation (LOQ) and Detection Limit for Reporting (DLR)
MDA	Minimum Detectable Activity
NR	Not Reportable
TIC	Tentatively Identified Compound (TIC) using mass spectrometry. The reported concentration is relative concentration based on the nearest internal standard. If the library search produces no matches at, or above 85%, the compound is reported as unknown.

Any remaining sample(s) will be disposed of one month from the final report date unless other arrangements are made in advance.
An Absence of Total Coliform meets the drinking water standards as established by the California State Water Resources Control Board (SWRCB)
All results are expressed on wet weight basis unless otherwise specified.
All samples collected by Weck Laboratories have been sampled in accordance to laboratory SOP Number MIS 002.

Reviewed by:

Regina Giancola
Project Manager

DoD-ELAP #L2457 ● ELAP-CA #1132 ● EPA-UCMR #CA00211 ● Guam-EPA #17-008R ● HW-DOH # ● ISO 17025 #L2457.01 ● LACSD #10143 ● NELAP-CA #04229CA ● NELAP-OR #4047 ● NJ-DEP #CA015 ● NV-DEP #NAC 445A ● SCAQMD #93LA1006

This is a complete final report. The information in this report applies to the samples analyzed in accordance with the chain-of-custody document. Weck Laboratories certifies that the test results meet all requirements of TNI unless noted by qualifiers or written in the Case Narrative. This analytical report must be reproduced in its entirety.

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Certificate of Analysis

FINAL REPORT

Work Orders: 8H27094

Project: 405808

Attn: Ranjit Clarke

Client: Enthalpy Analytical - Orange
931 West Barkley Avenue
Orange, CA 92868

Report Date: 9/14/2018
Received Date: 8/27/2018
Turnaround Time: Normal
Phones: (714) 771-6900
Fax: (714) 771-9933
P.O. #: 1024552
Billing Code:

DoD-ELAP #L2457 • ELAP-CA #1132 • EPA-UCMR #CA00211 • Guam-EPA #17-008R • HW-DOH # • ISO 17025 #L2457.01 • LACSD #10143 • NELAP-CA #04229CA • NELAP-OR #4047 • NJ-DEP #CA015 • NV-DEP #NAC 445A • SCAQMD #93LA1006

This is a complete final report. The information in this report applies to the samples analyzed in accordance with the chain-of-custody document. Weck Laboratories certifies that the test results meet all requirements of TNI unless noted by qualifiers or written in the Case Narrative. This analytical report must be reproduced in its entirety.

Dear Ranjit Clarke,

Enclosed are the results of analyses for samples received 8/27/18 with the Chain-of-Custody document. The samples were received in good condition, at 5.7 °C and on ice. All analyses met the method criteria except as noted in the case narrative or in the report with data qualifiers.

Reviewed by:

Regina Giancola
Project Manager

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Enthalpy Analytical - Orange
931 West Barkley Avenue
Orange, CA 92868

Project Number: 405808

Project Manager: Ranjit Clarke

Reported:
09/14/2018 17:40

Sample Summary

Sample Name	Sampled By	Lab ID	Matrix	Sampled	Qualifiers
SMBRP-9 (405808-001)	Client	8H27094-01	Water	08/23/18 08:30	
MCWP-MW04D (405808-002)	Client	8H27094-02	Water	08/23/18 12:00	

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Orange, CA 92868

Project Number: 405808

Project Manager: Ranjit Clarke

Reported:
09/14/2018 17:40

Sample Results

Sample: SMBRP-9 (405808-001)
8H27094-01 (Water)

Sampled: 08/23/18 8:30 by Client

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Hexavalent Chromium by IC							
Method: EPA 218.6 **Batch ID:** W8I0071 **Instr:** LC13 **Prepared:** 09/04/18 15:25 **Analyst:** blg							
Chromium 6+	**1.9**	0.024	0.10	ug/l	5	09/05/18 14:28	
Metals by EPA 200 Series Methods							
Method: EPA 200.8 **Batch ID:** W8H1624 **Instr:** ICPMS04 **Prepared:** 08/28/18 09:31 **Analyst:** rrl							
Aluminum, Total	**130**	1.3	5.0	ug/l	1	09/04/18 16:26	
Antimony, Total	**0.20**	0.045	0.50	ug/l	1	09/04/18 16:26	J
Barium, Total	**36**	0.071	0.50	ug/l	1	09/04/18 16:26	
Beryllium, Total	ND	0.033	0.10	ug/l	1	09/04/18 16:26	
Cadmium, Total	ND	0.041	0.10	ug/l	1	09/04/18 16:26	
Chromium, Total	**3.8**	0.035	0.20	ug/l	1	09/04/18 16:26	
Copper, Total	**0.42**	0.13	0.50	ug/l	1	09/04/18 16:26	J
Lead, Total	**0.088**	0.031	0.20	ug/l	1	09/04/18 16:26	J
Nickel, Total	**0.71**	0.045	0.80	ug/l	1	09/04/18 16:26	J
Silver, Total	ND	0.062	0.20	ug/l	1	09/04/18 16:26	
Thallium, Total	ND	0.014	0.20	ug/l	1	09/04/18 16:26	
Method: EPA 245.1 **Batch ID:** W8H1727 **Instr:** HG03 **Prepared:** 08/29/18 09:51 **Analyst:** gza							
Mercury, Total	ND	0.017	0.050	ug/l	1	08/29/18 15:24	

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Project Number: 405808

Project Manager: Ranjit Clarke

Reported:
09/14/2018 17:40

Sample Results

(Continued)

Sample: MCWP-MW04D (405808-002)
8H27094-02 (Water)

Sampled: 08/23/18 12:00 by Client

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Hexavalent Chromium by IC							
Method: EPA 218.6 **Batch ID:** W8I0071 **Instr:** LC13			**Prepared:** 09/04/18 15:25			**Analyst:** blg	
Chromium 6+	ND	0.024	0.10	ug/l	5	09/05/18 14:40	M-05
Metals by EPA 200 Series Methods							
Method: EPA 200.8 **Batch ID:** W8H1624 **Instr:** ICPMS04			**Prepared:** 08/28/18 09:31			**Analyst:** rrl	
Aluminum, Total	**29**	1.3	5.0	ug/l	1	09/04/18 16:30	
Antimony, Total	**0.11**	0.045	0.50	ug/l	1	09/04/18 16:30	J
Barium, Total	**35**	0.071	0.50	ug/l	1	09/04/18 16:30	
Beryllium, Total	ND	0.033	0.10	ug/l	1	09/04/18 16:30	
Cadmium, Total	**0.17**	0.041	0.10	ug/l	1	09/04/18 16:30	
Chromium, Total	**0.36**	0.035	0.20	ug/l	1	09/04/18 16:30	
Copper, Total	**0.41**	0.13	0.50	ug/l	1	09/04/18 16:30	J
Lead, Total	ND	0.031	0.20	ug/l	1	09/04/18 16:30	
Nickel, Total	**3.6**	0.045	0.80	ug/l	1	09/04/18 16:30	
Silver, Total	ND	0.062	0.20	ug/l	1	09/04/18 16:30	
Thallium, Total	ND	0.014	0.20	ug/l	1	09/04/18 16:30	
Method: EPA 245.1 **Batch ID:** W8H1727 **Instr:** HG03			**Prepared:** 08/29/18 09:51			**Analyst:** gza	
Mercury, Total	ND	0.017	0.050	ug/l	1	08/29/18 15:30	

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Project Number: 405808

Project Manager: Ranjit Clarke

Reported:
09/14/2018 17:40

Quality Control Results

Hexavalent Chromium by IC

Analyte	Result	MDL	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8I0071 - EPA 218.6											
Blank (W8I0071-BLK1)					**Prepared: 09/04/18**	**Analyzed: 09/05/18**					
Chromium 6+	ND	0.0048	0.020	ug/l							
LCS (W8I0071-BS1)					**Prepared: 09/04/18**	**Analyzed: 09/05/18**					
Chromium 6+	5.10	0.0048	0.020	ug/l	5.00		102	90-110			
Calibration Check (W8I0071-CCV1)					**Prepared: 09/04/18**	**Analyzed: 09/05/18**					
Chromium 6+	0.0222	0.0048	0.020	ug/l	0.0200		111	80-120			
Calibration Check (W8I0071-CCV2)					**Prepared: 09/04/18**	**Analyzed: 09/05/18**					
Chromium 6+	5.13	0.0048	0.020	ug/l	5.00		103	95-105			
Calibration Check (W8I0071-CCV3)					**Prepared: 09/04/18**	**Analyzed: 09/05/18**					
Chromium 6+	10.2	0.0048	0.020	ug/l	10.0		102	95-105			
Matrix Spike (W8I0071-MS1)	**Source: 8H22092-06**				**Prepared: 09/04/18**	**Analyzed: 09/05/18**					
Chromium 6+	7.74	0.0048	0.020	ug/l	5.00	2.64	102	88-112			
Matrix Spike (W8I0071-MS2)	**Source: 8H22092-07**				**Prepared: 09/04/18**	**Analyzed: 09/05/18**					
Chromium 6+	8.06	0.0048	0.020	ug/l	5.00	2.92	103	88-112			
Matrix Spike Dup (W8I0071-MSD1)	**Source: 8H22092-06**				**Prepared: 09/04/18**	**Analyzed: 09/05/18**					
Chromium 6+	7.66	0.0048	0.020	ug/l	5.00	2.64	100	88-112	1	10	
Matrix Spike Dup (W8I0071-MSD2)	**Source: 8H22092-07**				**Prepared: 09/04/18**	**Analyzed: 09/05/18**					
Chromium 6+	7.95	0.0048	0.020	ug/l	5.00	2.92	101	88-112	1	10	

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Project Number: 405808

Project Manager: Ranjit Clarke

Reported:
09/14/2018 17:40

Quality Control Results

(Continued)

Metals by EPA 200 Series Methods

Analyte	Result	MDL	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1624 - EPA 200.8											
Blank (W8H1624-BLK1)					**Prepared: 08/28/18 Analyzed: 09/04/18**						
Aluminum, Total	ND	1.3	5.0	ug/l							
Antimony, Total	0.0493	0.045	0.50	ug/l							B-07, J
Barium, Total	ND	0.071	0.50	ug/l							
Beryllium, Total	ND	0.033	0.10	ug/l							
Cadmium, Total	ND	0.041	0.10	ug/l							
Chromium, Total	ND	0.035	0.20	ug/l							
Copper, Total	ND	0.13	0.50	ug/l							
Lead, Total	ND	0.031	0.20	ug/l							
Nickel, Total	ND	0.045	0.80	ug/l							
Silver, Total	ND	0.062	0.20	ug/l							
Thallium, Total	ND	0.014	0.20	ug/l							
LCS (W8H1624-BS1)					**Prepared: 08/28/18 Analyzed: 09/04/18**						
Aluminum, Total	51.7	1.3	5.0	ug/l	50.0		103	85-115			
Antimony, Total	49.0	0.045	0.50	ug/l	50.0		98	85-115			
Barium, Total	50.1	0.071	0.50	ug/l	50.0		100	85-115			
Beryllium, Total	50.1	0.033	0.10	ug/l	50.0		100	85-115			
Cadmium, Total	49.7	0.041	0.10	ug/l	50.0		99	85-115			
Chromium, Total	49.9	0.035	0.20	ug/l	50.0		100	85-115			
Copper, Total	50.8	0.13	0.50	ug/l	50.0		102	85-115			
Lead, Total	50.6	0.031	0.20	ug/l	50.0		101	85-115			
Nickel, Total	51.0	0.045	0.80	ug/l	50.0		102	85-115			
Silver, Total	50.0	0.062	0.20	ug/l	50.0		100	85-115			
Thallium, Total	50.8	0.014	0.20	ug/l	50.0		102	85-115			
Matrix Spike (W8H1624-MS1)	**Source: 8H27092-01**				**Prepared: 08/28/18 Analyzed: 09/04/18**						
Aluminum, Total	7690	1.3	5.0	ug/l	50.0	7240	915	70-130			MS-02
Antimony, Total	32.2	0.045	0.50	ug/l	50.0	0.290	64	70-130			MS-01
Barium, Total	144	0.071	0.50	ug/l	50.0	91.4	106	70-130			
Beryllium, Total	50.7	0.033	0.10	ug/l	50.0	0.344	101	70-130			
Cadmium, Total	48.1	0.041	0.10	ug/l	50.0	0.613	95	70-130			
Chromium, Total	71.5	0.035	0.20	ug/l	50.0	21.8	99	70-130			
Copper, Total	56.3	0.13	0.50	ug/l	50.0	11.7	89	70-130			
Lead, Total	51.4	0.031	0.20	ug/l	50.0	3.11	97	70-130			
Nickel, Total	77.4	0.045	0.80	ug/l	50.0	32.5	90	70-130			
Silver, Total	45.5	0.062	0.20	ug/l	50.0	ND	91	70-130			
Thallium, Total	49.5	0.014	0.20	ug/l	50.0	0.0863	99	70-130			
Matrix Spike Dup (W8H1624-MSD1)	**Source: 8H27092-01**				**Prepared: 08/28/18 Analyzed: 09/04/18**						
Aluminum, Total	7970	1.3	5.0	ug/l	50.0	7240	NR	70-130	3	30	MS-02
Antimony, Total	33.4	0.045	0.50	ug/l	50.0	0.290	66	70-130	4	30	MS-01
Barium, Total	147	0.071	0.50	ug/l	50.0	91.4	111	70-130	2	30	

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Enthalpy Analytical - Orange
931 West Barkley Avenue
Orange, CA 92868

Project Number: 405808

Project Manager: Ranjit Clarke

Reported:
09/14/2018 17:40

Quality Control Results

(Continued)

Metals by EPA 200 Series Methods (Continued)

Analyte	Result	MDL	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8H1624 - EPA 200.8 (Continued)											
Matrix Spike Dup (W8H1624-MSD1)	**Source: 8H27092-01**				**Prepared: 08/28/18**	**Analyzed: 09/04/18**					
Beryllium, Total	50.8	0.033	0.10	ug/l	50.0	0.344	101	70-130	0.2	30	
Cadmium, Total	48.7	0.041	0.10	ug/l	50.0	0.613	96	70-130	1	30	
Chromium, Total	72.3	0.035	0.20	ug/l	50.0	21.8	101	70-130	1	30	
Copper, Total	62.5	0.13	0.50	ug/l	50.0	11.7	101	70-130	10	30	
Lead, Total	52.0	0.031	0.20	ug/l	50.0	3.11	98	70-130	1	30	
Nickel, Total	78.2	0.045	0.80	ug/l	50.0	32.5	92	70-130	1	30	
Silver, Total	45.2	0.062	0.20	ug/l	50.0	ND	90	70-130	0.8	30	
Thallium, Total	50.0	0.014	0.20	ug/l	50.0	0.0863	100	70-130	1	30	
Batch: W8H1727 - EPA 245.1											
Blank (W8H1727-BLK1)					**Prepared & Analyzed: 08/29/18**						
Mercury, Total	ND	0.017	0.050	ug/l							
LCS (W8H1727-BS1)					**Prepared & Analyzed: 08/29/18**						
Mercury, Total	0.999	0.017	0.050	ug/l	1.00		100	85-115			
Matrix Spike (W8H1727-MS1)	**Source: 8H27094-01**				**Prepared & Analyzed: 08/29/18**						
Mercury, Total	0.958	0.017	0.050	ug/l	1.00	ND	96	70-130			
Matrix Spike (W8H1727-MS2)	**Source: 8H27094-02**				**Prepared & Analyzed: 08/29/18**						
Mercury, Total	0.960	0.017	0.050	ug/l	1.00	ND	96	70-130			
Matrix Spike Dup (W8H1727-MSD1)	**Source: 8H27094-01**				**Prepared & Analyzed: 08/29/18**						
Mercury, Total	0.953	0.017	0.050	ug/l	1.00	ND	95	70-130	0.5	20	
Matrix Spike Dup (W8H1727-MSD2)	**Source: 8H27094-02**				**Prepared & Analyzed: 08/29/18**						
Mercury, Total	1.03	0.017	0.050	ug/l	1.00	ND	103	70-130	7	20	

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Enthalpy Analytical - Orange
931 West Barkley Avenue
Orange, CA 92868

Project Number: 405808

Project Manager: Ranjit Clarke

Reported:
09/14/2018 17:40

Notes and Definitions

Item	Definition
B-07	This analyte was found in the method blank at levels above the MDL but below the reporting limit.
J	Estimated conc. detected <MRL and >MDL.
M-05	Due to the nature of matrix interferences, sample was diluted prior to analysis. The MDL and MRL were raised due to the dilution.
MS-01	The spike recovery for this QC sample is outside of established control limits possibly due to sample matrix interference.
MS-02	The RPD and/or percent recovery for this QC spike sample cannot be accurately calculated due to the high concentration of analyte inherent in the sample.
ND	NOT DETECTED at or above the Method Reporting Limit (MRL). If Method Detection Limit (MDL) is reported, then ND means not detected at or above the MDL.
Dil	Dilution
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
% Rec	Percent Recovery
Source	Sample that was matrix spiked or duplicated.
MDL	Method Detection Limit
MRL	The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence. The MRL is also known as Limit of Quantitation (LOQ) and Detection Limit for Reporting (DLR)
MDA	Minimum Detectable Activity
NR	Not Reportable
TIC	Tentatively Identified Compound (TIC) using mass spectrometry. The reported concentration is relative concentration based on the nearest internal standard. If the library search produces no matches at, or above 85%, the compound is reported as unknown.

Any remaining sample(s) will be disposed of one month from the final report date unless other arrangements are made in advance.
An Absence of Total Coliform meets the drinking water standards as established by the California State Water Resources Control Board (SWRCB)
All results are expressed on wet weight basis unless otherwise specified.
All samples collected by Weck Laboratories have been sampled in accordance to laboratory SOP Number MIS 002.

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Greensburg, PA 15601
(724)850-5600

September 18, 2018

Ranjit Clarke
Enthalpy Analytical
806 N. Batavia St.
Orange, CA 92868

RE: Project: 405808
Pace Project No.: 30263405

Dear Ranjit Clarke:
Enclosed are the analytical results for sample(s) received by the laboratory on August 27, 2018. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Jacquelyn Collins
jacquelyn.collins@pacelabs.com
(724)850-5612
Project Manager

Enclosures

cc: Hongling Cao, Enthalpy Analytical
Ms. Cam Pham, Enthalpy Analytical
Incoming Reports, Enthalpy Analytical

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CERTIFICATIONS

Project: 405808
Pace Project No.: 30263405

Pennsylvania Certification IDs

1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANAB DOD-ELAP Rad Accreditation #: L2417
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 04222CA
Colorado Certification #: PA01547
Connecticut Certification #: PH-0694
Delaware Certification
EPA Region 4 DW Rad
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas/TNI Certification #: E-10358
Kentucky Certification #: KY90133
KY WW Permit #: KY0098221
KY WW Permit #: KY0000221
Louisiana DHH/TNI Certification #: LA180012
Louisiana DEQ/TNI Certification #: 4086
Maine Certification #: 2017020
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification #: 9991
Missouri Certification #: 235
Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572018-1
New Hampshire/TNI Certification #: 297617
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Ohio EPA Rad Approval: #41249
Oregon/TNI Certification #: PA200002-010
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: 02867
Texas/TNI Certification #: T104704188-17-3
Utah/TNI Certification #: PA014572017-9
USDA Soil Permit #: P330-17-00091
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 9526
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Approve List for Rad
Wyoming Certification #: 8TMS-L

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SAMPLE SUMMARY

Project: 405808
Pace Project No.: 30263405

Lab ID	Sample ID	Matrix	Date Collected	Date Received
30263405001	**SMBRP (405808-001)**	Water	08/23/18 08:30	08/27/18 09:20
30263405002	**MCWP-MW04D (405808-002)**	Water	08/23/18 12:00	08/27/18 09:20

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 405808
Pace Project No.: 30263405

Lab ID	Sample ID	Method	Analysts	Analytes Reported
30263405001	**SMBRP (405808-001)**	EPA 900.0	NEG	2
		EPA 903.1	MK1	1
		EPA 904.0	JLW	1
		ASTM D5811-95	LAL	1
		EPA 906.0	NJV	1
		ASTM D5174-97	RMK	1
30263405002	**MCWP-MW04D (405808-002)**	EPA 900.0	NEG	2
		EPA 903.1	MK1	1
		EPA 904.0	JLW	1
		ASTM D5811-95	LAL	1
		EPA 906.0	NJV	1
		ASTM D5174-97	RMK	1

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: 405808
Pace Project No.: 30263405

Sample: SMBRP (405808-001) **Lab ID: 30263405001** Collected: 08/23/18 08:30 Received: 08/27/18 09:20 Matrix: Water
PWS: Site ID: Sample Type:

Comments: • Upon receipt at the laboratory, 5 mls of nitric acid were added to the samples to meet the sample preservation requirement of pH <2 for radiological analyses.

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
Gross Alpha	EPA 900.0	**39.4 ± 9.75 (7.02) C:NA T:NA**	pCi/L	09/11/18 19:11	12587-46-1	
Gross Beta	EPA 900.0	**6.82 ± 3.65 (5.56) C:NA T:NA**	pCi/L	09/11/18 19:11	12587-47-2	
Radium-226	EPA 903.1	**0.729 ± 0.597 (0.866) C:NA T:84%**	pCi/L	09/11/18 12:17	13982-63-3	
Radium-228	EPA 904.0	**0.196 ± 0.379 (0.826) C:69% T:85%**	pCi/L	09/10/18 11:17	15262-20-1	
Strontium-90	ASTM D5811-95	**0.147 ± 0.439 (1.03) C:102% T:NA**	pCi/L	09/18/18 07:35	10098-97-2	N2
Tritium	EPA 906.0	**98.6 ± 144 (242) C:NA T:NA**	pCi/L	09/08/18 15:23	10028-17-8	
Total Uranium	ASTM D5174-97	**56.7 ± 1.665 (2.620) C:NA T:NA**	ug/L	09/17/18 19:28	7440-61-1	

Sample: MCWP-MW04D (405808-002) **Lab ID: 30263405002** Collected: 08/23/18 12:00 Received: 08/27/18 09:20 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
Gross Alpha	EPA 900.0	**5.98 ± 2.92 (3.56) C:NA T:NA**	pCi/L	09/10/18 19:43	12587-46-1	
Gross Beta	EPA 900.0	**2.52 ± 2.34 (4.05) C:NA T:NA**	pCi/L	09/10/18 19:43	12587-47-2	
Radium-226	EPA 903.1	**0.736 ± 0.481 (0.589) C:NA T:88%**	pCi/L	09/11/18 12:17	13982-63-3	
Radium-228	EPA 904.0	**1.21 ± 0.564 (0.954) C:67% T:74%**	pCi/L	09/10/18 11:17	15262-20-1	
Strontium-90	ASTM D5811-95	**-0.212 ± 0.380 (1.03) C:97% T:NA**	pCi/L	09/18/18 07:37	10098-97-2	N2
Tritium	EPA 906.0	**-8.75 ± 137 (244) C:NA T:NA**	pCi/L	09/08/18 16:24	10028-17-8	
Total Uranium	ASTM D5174-97	**6.52 ± 0.192 (0.262) C:NA T:NA**	ug/L	09/17/18 19:25	7440-61-1	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL - RADIOCHEMISTRY

Project: 405808
Pace Project No.: 30263405

QC Batch: 311446 Analysis Method: EPA 903.1
QC Batch Method: EPA 903.1 Analysis Description: 903.1 Radium-226
Associated Lab Samples: 30263405001, 30263405002

METHOD BLANK: 1520967 Matrix: Water
Associated Lab Samples: 30263405001, 30263405002

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.641 ± 0.490 (0.648) C:NA T:80%	pCi/L	09/11/18 12:31	

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QUALITY CONTROL - RADIOCHEMISTRY

Project: 405808
Pace Project No.: 30263405

QC Batch: 311629 Analysis Method: EPA 900.0
QC Batch Method: EPA 900.0 Analysis Description: 900.0 Gross Alpha/Beta
Associated Lab Samples: 30263405001, 30263405002

METHOD BLANK: 1521863 Matrix: Water
Associated Lab Samples: 30263405001, 30263405002

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Gross Alpha	0.429 ± 0.491 (0.940) C:NA T:NA	pCi/L	09/11/18 19:09	
Gross Beta	0.022 ± 0.779 (1.69) C:NA T:NA	pCi/L	09/11/18 19:09	

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QUALITY CONTROL - RADIOCHEMISTRY

Project: 405808
Pace Project No.: 30263405

QC Batch: 311434 Analysis Method: ASTM D5174-97
QC Batch Method: ASTM D5174-97 Analysis Description: D5174.97 Total Uranium KPA
Associated Lab Samples: 30263405001, 30263405002

METHOD BLANK: 1520915 Matrix: Water
Associated Lab Samples: 30263405001, 30263405002

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Total Uranium	0.155 ± 0.006 (0.262) C:NA T:NA	ug/L	09/06/18 14:53	

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QUALITY CONTROL - RADIOCHEMISTRY

Project: 405808
Pace Project No.: 30263405

QC Batch: 311449 Analysis Method: EPA 904.0
QC Batch Method: EPA 904.0 Analysis Description: 904.0 Radium 228
Associated Lab Samples: 30263405001, 30263405002

METHOD BLANK: 1520969 Matrix: Water
Associated Lab Samples: 30263405001, 30263405002

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.0876 ± 0.471 (1.06) C:65% T:65%	pCi/L	09/10/18 11:16	

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QUALITY CONTROL - RADIOCHEMISTRY

Project: 405808
Pace Project No.: 30263405

QC Batch: 312712 Analysis Method: ASTM D5811-95
QC Batch Method: ASTM D5811-95 Analysis Description: ASTM D5811 Sr 89/90 Eichrom
Associated Lab Samples: 30263405001, 30263405002

METHOD BLANK: 1526959 Matrix: Water
Associated Lab Samples: 30263405001, 30263405002

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Strontium-90	0.390 ± 0.414 (0.875) C:104% T:NA	pCi/L	09/18/18 07:34	N2

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QUALITY CONTROL - RADIOCHEMISTRY

Project: 405808
Pace Project No.: 30263405

QC Batch: 311887 Analysis Method: EPA 906.0
QC Batch Method: EPA 906.0 Analysis Description: 906.0 Tritium
Associated Lab Samples: 30263405001, 30263405002

METHOD BLANK: 1523088 Matrix: Water
Associated Lab Samples: 30263405001, 30263405002

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Tritium	-43.6 ± 134 (242) C:NA T:NA	pCi/L	09/08/18 08:14	

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Greensburg, PA 15601
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QUALIFIERS

Project: 405808
Pace Project No.: 30263405

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Act - Activity

Unc - Uncertainty: For Safe Drinking Water Act (SDWA) analyses, the reported Unc. Is the calculated Count Uncertainty (95% confidence interval) using a coverage factor of 1.96. For all other matrices (non-SDWA), the reported Unc. is the calculated Expanded Uncertainty (aka Combined Standard Uncertainty, CSU), reported at the 95% confidence interval using a coverage factor of 1.96.

Gamma Spec: The Unc. reported for all gamma-spectroscopy analyses (EPA 901.1), is the calculated Expanded Uncertainty (CSU) at the 95.4% confidence interval, using a coverage factor of 2.0.

(MDC) - Minimum Detectable Concentration

Trac - Tracer Recovery (%)

Carr - Carrier Recovery (%)

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

N2	The lab does not hold NELAC/TNI accreditation for this parameter.

REPORT OF LABORATORY ANALYSIS

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Enthalpy Analytical
Formerly Associated Labs
1 Park Plaza, Suite 1000
Irvine, CA 92614
Tel: 714.771.6900 Fax: 714.538.1209
info-sc@enthalpy.com

MONTROSE ENVIRONMENTAL

Subcontract Laboratory:

Pace PA - Sub
1638 Roseytown Rd., Suite
Greensburg, PA 15601
724-850-5600
ATTN: Jacquelyn Collins
PO# 1024489

Project: 405808 **Due:**
PM: Ranjit Clarke
Email: ranjit.clarke@enthalpy.com
CC: incomingreports@enthalpy.com

Require: ☑ EDD ☐ EDF ☐ EDT

Report To: ☑ MDL

Note:

Matrix	Sampled	Sample ID	Analysis	Comment
Water	08/23/18 08:30	SMBRP-9 (405808-001)	900.0 Gross Alpha and Beta	
Water	08/23/18 08:30	SMBRP-9 (405808-001)	903.1 Radiuum-226	
Water	08/23/18 08:30	SMBRP-9 (405808-001)	904.0 Radium-228	
Water	08/23/18 08:30	SMBRP-9 (405808-001)	905.0 Strontium-90	
Water	08/23/18 08:30	SMBRP-9 (405808-001)	906.0 Tritium	
Water	08/23/18 08:30	SMBRP-9 (405808-001)	908.0 Uranium	
Water	08/23/18 12:00	MCWP-MW04D (405808-002)	900.0 Gross Alpha and Beta	
Water	08/23/18 12:00	MCWP-MW04D (405808-002)	903.1 Radiuum-226	
Water	08/23/18 12:00	MCWP-MW04D (405808-002)	904.0 Radium-228	
Water	08/23/18 12:00	MCWP-MW04D (405808-002)	905.0 Strontium-90	
Water	08/23/18 12:00	MCWP-MW04D (405808-002)	906.0 Tritium	
Water	08/23/18 12:00	MCWP-MW04D (405808-002)	908.0 Uranium	

001

002

Note:
Standard TAT

Strontium-90: ASTM D5811-95 is o.k. if matrix calls for it instead of EPA 905.0
Uranium: ASTM D5174-97 is o.k. if matrix calls for it instead of EPA 908.0

Relinquished By	Received By:
Date/Time 8/24/18 14:00	Date/Time 8.27-18 0920
Date/Time	Date/Time

WO# : 30263405

30263405

Pittsburgh Lab Sample Condition Upon Receipt

Face Analytical

Client Name: Enthalpy Project # 30263405

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other _____

Label MJS
LIMS Login 048

Tracking #: 7730 6067 2315

Custody Seal on Cooler/Box Present: ☐ yes ☐ no Seals intact: ☐ yes ☐ no

Thermometer Used N/A Type of Ice: Wet Blue (None)

Cooler Temperature Observed Temp _____ °C Correction Factor: _____ °C Final Temp: _____ °C

Temp should be above freezing to 6°C

pH paper Lot# 10D416 71

Date and Initials of person examining contents: MJS 8/27/18

Comments:	Yes	No	N/A	
Chain of Custody Present:	✓			1.
Chain of Custody Filled Out:	✓			2.
Chain of Custody Relinquished:	✓			3.
Sampler Name & Signature on COC:		✓		4.
Sample Labels match COC: -Includes date/time/ID Matrix: WT	✓			5.
Samples Arrived within Hold Time:	✓			6.
Short Hold Time Analysis (<72hr remaining):		✓		7.
Rush Turn Around Time Requested:		✓		8.
Sufficient Volume:	✓			9.
Correct Containers Used:	✓			10.
-Pace Containers Used:		✓		
Containers Intact:	✓			11.
Orthophosphate field filtered			✓	12.
Hex Cr Aqueous Compliance/NPDES sample field filtered			✓	13.
Organic Samples checked for dechlorination:			✓	14.
Filtered volume received for Dissolved tests			✓	15.
All containers have been checked for preservation.	✓			16. added 5mL of HNO3 to sample 001, 003 and 008, added 2.5mL of HNO3 to Sample 002, 004, 005, 007, 009, 011, 012, 013 to get pH<2
All containers needing preservation are found to be in compliance with EPA recommendation.		✓		
exceptions: VOA, coliform, TOC, O&G, Phenolics				Initial when completed MJS Date/time of preservation 8-27-18 1045
				Lot # of added preservative DL18-0898
Headspace in VOA Vials (>6mm):			✓	17.
Trip Blank Present:			✓	18.
Trip Blank Custody Seals Present			✓	
Rad Aqueous Samples Screened > 0.5 mrem/hr		✓		Initial when completed: MJS Date: 8-27-18

Client Notification/ Resolution:

Person Contacted: _____ Date/Time: _____ Contacted By: _____

Comments/ Resolution: _____

☐ **A check in this box indicates that additional information has been stored in ereports.**

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)

***PM review** is documented electronically in LIMS. When the Project Manager closes the SRF Review schedule in LIMS. The review is in the Status section of the Workorder Edit Screen.

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WORK ORDER NUMBER: 18-08-2065

The difference is service



AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: Enthalpy Analytical, Inc.

Client Project Name: 405808

Attention: Ranjit Clarke
931 W. Barkley Avenue
Orange, CA 92868-1208

Sheila Lau for

Approved for release on 09/04/2018 by:
Xuan Dang
Project Manager

ResultLink

Email your PM

Eurofins Calscience (Calscience) certifies that the test results provided in this report meet all NELAC Institute requirements for parameters for which accreditation is required or available. Any exceptions to NELAC Institute requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

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Client Project Name: 405808
Work Order Number: 18-08-2065

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Work Order Narrative

Work Order: 18-08-2065 Page 1 of 1

Condition Upon Receipt:

Samples were received under Chain-of-Custody (COC) on 08/24/18. They were assigned to Work Order 18-08-2065.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

DoD Projects:

The test results contained in this report are accredited under the laboratory's ISO/IEC 17025:2005 and DoD-ELAP accreditation issued by the ANSI-ASQ National Accreditation Board. Refer to certificate and scope of accreditation ADE-1864.

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Sample Summary

Client:	Enthalpy Analytical, Inc. 931 W. Barkley Avenue Orange, CA 92868-1208	Work Order:	18-08-2065
		Project Name:	405808
		PO Number:	405808
		Date/Time Received:	08/24/18 09:12
		Number of Containers:	4
Attn:	Ranjit Clarke		

Sample Identification	Lab Number	Collection Date and Time	Number of Containers	Matrix
SMBRP-9 (405808-001)	18-08-2065-1	08/23/18 08:30	2	Aqueous
MCWP-MW04D (405808-002)	18-08-2065-2	08/23/18 12:00	2	Aqueous

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Detections Summary

Client:	Enthalpy Analytical, Inc.	Work Order:	18-08-2065
	931 W. Barkley Avenue	Project Name:	405808
	Orange, CA 92868-1208	Received:	08/24/18
Attn:	Ranjit Clarke		Page 1 of 1

Client SampleID

Analyte	Result	Qualifiers	RL	Units	Method	Extraction
SMBRP-9 (405808-001) (18-08-2065-1)						
Biochemical Oxygen Demand	2.0		1.0	mg/L	SM 5210 B	N/A

Subcontracted analyses, if any, are not included in this summary.

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* MDL is shown

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Analytical Report

Enthalpy Analytical, Inc.
931 W. Barkley Avenue
Orange, CA 92868-1208

Project: 405808

Date Received: 08/24/18
Work Order: 18-08-2065
Preparation: N/A
Method: EPA 1664A
Units: mg/L

Page 1 of 1

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SMBRP-9 (405808-001)	**18-08-2065-1-B**	**08/23/18 08:30**	**Aqueous**	**N/A**	**08/27/18**	**08/27/18 14:00**	**I0827HEML1**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
HEM: Oil and Grease	ND	1.0	0.80	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MCWP-MW04D (405808-002)	**18-08-2065-2-B**	**08/23/18 12:00**	**Aqueous**	**N/A**	**08/27/18**	**08/27/18 14:00**	**I0827HEML1**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
HEM: Oil and Grease	ND	1.0	0.80	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-16-923-458**	**N/A**	**Aqueous**	**N/A**	**08/27/18**	**08/27/18 14:00**	**I0827HEML1**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
HEM: Oil and Grease	ND	1.0	0.80	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Enthalpy Analytical, Inc.		Date Received:	08/24/18
931 W. Barkley Avenue		Work Order:	18-08-2065
Orange, CA 92868-1208		Preparation:	N/A
		Method:	SM 5210 B
		Units:	mg/L
Project: 405808			Page 1 of 1

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SMBRP-9 (405808-001)	**18-08-2065-1-A**	**08/23/18 08:30**	**Aqueous**	**BOD 1**	**08/24/18**	**08/29/18 19:15**	**I0824BODB1**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Biochemical Oxygen Demand	2.0	1.0	0.58	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MCWP-MW04D (405808-002)	**18-08-2065-2-A**	**08/23/18 12:00**	**Aqueous**	**BOD 1**	**08/24/18**	**08/29/18 19:15**	**I0824BODB1**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Biochemical Oxygen Demand	ND	1.0	0.58	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-05-054-5414**	**N/A**	**Aqueous**	**BOD 1**	**08/24/18**	**08/29/18 19:15**	**I0824BODB1**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Biochemical Oxygen Demand	ND	1.0	0.58	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Quality Control - Sample Duplicate

Enthalpy Analytical, Inc.		Date Received:	08/24/18
931 W. Barkley Avenue		Work Order:	18-08-2065
Orange, CA 92868-1208		Preparation:	N/A
		Method:	SM 5210 B
Project: 405808			Page 1 of 1

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	Duplicate Batch Number
18-08-2114-1	**Sample**	**Aqueous**	**BOD 1**	**08/24/18 00:00**	**08/29/18 19:15**	**I0824BODD1**
18-08-2114-1	**Sample Duplicate**	**Aqueous**	**BOD 1**	**08/24/18 00:00**	**08/29/18 19:15**	**I0824BODD1**

Parameter	Sample Conc.	DUP Conc.	RPD	RPD CL	Qualifiers
Biochemical Oxygen Demand	4000	4200	5	0-25	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS/LCSD

Enthalpy Analytical, Inc.
931 W. Barkley Avenue
Orange, CA 92868-1208

Project: 405808

Date Received: 08/24/18
Work Order: 18-08-2065
Preparation: N/A
Method: EPA 1664A

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-16-923-458	**LCS**	**Aqueous**	**N/A**	**08/27/18**	**08/27/18 14:00**	**I0827HEML1**
099-16-923-458	**LCSD**	**Aqueous**	**N/A**	**08/27/18**	**08/27/18 14:00**	**I0827HEML1**

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
HEM: Oil and Grease	40.00	38.50	96	37.00	92	78-114	4	0-18	

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RPD: Relative Percent Difference. CL: Control Limits

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Glossary of Terms and Qualifiers

Work Order: 18-08-2065 Page 1 of 1

Qualifiers	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
CI	See case narrative.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.
	Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.
	A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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Enthalpy Analytical
Formerly Associated Labs
1 Park Plaza, Suite 1000
Irvine, CA 92614
Tel: 714.771.6900 Fax: 714.538.1209
info-sc@enthalpy.com

MONTROSE ENVIRONMENTAL

Subcontract Laboratory:

Eurofins CalScience - Sub
7440 Lincoln Way
Garden Grove, CA 92841

ATTN: Xuan Dang
PO# 1024487

Project: 405808 **Due:** 18-08-2065
PM: Ranjit Clarke
Email: ranjit.clarke@enthalpy.com
CC: incomingreports@enthalpy.com

Require: ☑ EDD ☐ EDF ☐ EDT

Report To: ☑ MDL

Note:

Matrix	Sampled	Sample ID	Analysis	Comment
Water	08/23/18 08:30	SMBRP-9 (405808-001) (1)	1664_Total_OUT	
Water	08/23/18 08:30	SMBRP-9 (405808-001)	5210B BOD_OUT	
Water	08/23/18 12:00	MCWP-MW04D (405808-002) (2)	1664_Total_OUT	
Water	08/23/18 12:00	MCWP-MW04D (405808-002)	5210B BOD_OUT	

Note:
Standard TAT

Relinquished By	Received By:
Date/Time 8/24/18 0912	Date/Time 8/24/18 0912
Date/Time	Date/Time

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WORK ORDER NUMBER: 18-08-2065

SAMPLE RECEIPT CHECKLIST

COOLER 1 OF 1

CLIENT: Enthalpy Analytical

DATE: 08/24/2018

TEMPERATURE: (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC6 (CF: -0.5°C); Temperature (w/o CF): 2.9 °C (w/ CF): 2.4 °C; ☐ Blank ☑ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling

☐ Sample(s) received at ambient temperature; placed on ice for transport by courier

Ambient Temperature: ☐ Air ☐ Filter Checked by: 300

CUSTODY SEAL:

Cooler ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 300

Sample(s) ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 836

SAMPLE CONDITION:	Yes	No	N/A
Chain-of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Sampling date ☐ Sampling time ☐ Matrix ☐ Number of containers			
☐ No analysis requested ☐ Not relinquished ☐ No relinquished date ☐ No relinquished time			
Sampler's name indicated on COC	☐	☐	☑
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and in good condition	☑	☐	☐
Proper containers for analyses requested	☑	☐	☐
Sufficient volume/mass for analyses requested	☑	☐	☐
Samples received within holding time	☑	☐	☐
Aqueous samples for certain analyses received within 15-minute holding time			
☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfide ☐ Dissolved Oxygen	☐	☐	☑
Proper preservation chemical(s) noted on COC and/or sample container	☑	☐	☐
Unpreserved aqueous sample(s) received for certain analyses			
☐ Volatile Organics ☐ Total Metals ☐ Dissolved Metals			
Acid/base preserved samples - pH within acceptable range	☐	☐	☑
Container(s) for certain analysis free of headspace	☐	☐	☑
☐ Volatile Organics ☐ Dissolved Gases (RSK-175) ☐ Dissolved Oxygen (SM 4500)			
☐ Carbon Dioxide (SM 4500) ☐ Ferrous Iron (SM 3500) ☐ Hydrogen Sulfide (Hach)			
Tedlar™ bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE: (Trip Blank Lot Number: _____)

Aqueous: ☐ VOA ☐ VOA**h** ☐ VOA**na$_2$** ☐ 100PJ ☐ 100PJ**na$_2$** ☐ 125AGB ☐ 125AGB**h** ☐ 125AGB**p** ☐ 125PB ☐ 125PB**znna** (pH__9)

☐ 250AGB ☐ 250CGB ☐ 250CGB**s** (pH__2) ☐ 250PB ☐ 250PB**n** (pH__2) ☐ 500AGB ☐ 500AGJ ☐ 500AGJ**s** (pH__2) ☐ 500PB

☐ 1AGB ☐ 1AGB**na$_2$** ☐ 1AGB**s** (pH__2) ☐ 1AGB**s** (O&G) ☐ 1PB ☐ 1PB**na** (pH__12) ☑ 1PJ ☑ 1CGJS ☐ _____

Solid: ☐ 4ozCGJ ☐ 8ozCGJ ☐ 16ozCGJ ☐ Sleeve (___) ☐ EnCores® (___) ☐ TerraCores® (___) ☐ CO4G ☐ _____ ☐ _____

Air: ☐ Tedlar™ ☐ Canister ☐ Sorbent Tube ☐ PUF ☐ _____ **Other Matrix** (_____): ☐ _____ ☐ _____ ☐ _____

Container: **A** = Amber, **B** = Bottle, **C** = Clear, **E** = Envelope, **G** = Glass, **J** = Jar, **P** = Plastic, and **Z** = Ziploc/Resealable Bag

Preservative: **b** = buffered, **f** = filtered, **h** = HCl, **n** = HNO_3, **na** = NaOH, **na$_2$** = $Na_2S_2O_3$, **p** = H_3PO_4, Labeled/Checked by: 836

s = H_2SO_4, **u** = ultra-pure, **x** = Na_2SO_3+$NaHSO_4.H_2O$, **znna** = Zn $(CH_3CO_2)_2$ + NaOH Reviewed by: 300

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Enthalpy - Orange

Report to: Ranjit Clarke
1 Park Plaza, Ste 1000
Irvine, CA 92614

Client Project # 405808

Analytical Report
0818-729

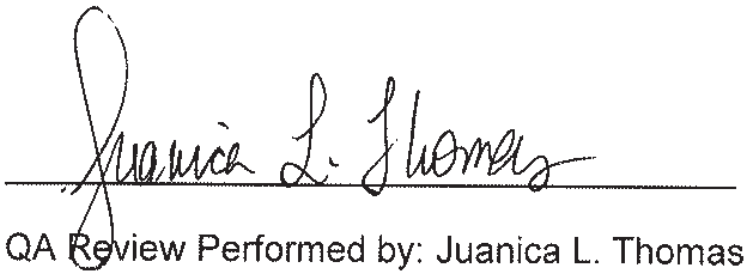
Method 1613B
TCDD Only

Enthalpy Analytical, LLC – Ultratrace
Phone: (910) 212-5858 / www.enthalpy.com
2714 Exchange Drive, Wilmington, NC 28405

I certify that to the best of my knowledge all analytical data presented in this report:

- Have been checked for completeness
- Are accurate, error-free, and legible
- Have been conducted in accordance with approved protocol, and that all deviations and analytical problems are summarized in the appropriate narrative(s)

This analytical report was prepared in Portable Document Format (.PDF) and contains 15 pages.



QA Review Performed by: Juanica L. Thomas

Report Issued Date: 9/10/18

ENTHALPY ANALYTICAL

SMBRP-9 (405808-001)						Detailed Results - Method 1613	
Client Details							
Client Sample ID:	SMBRP-9 (405808-001)		**Client Name:**	**EA Orange**			
Client Project ID:	405808		**Sample Collection Date:**	**23-Aug-18**		**RRFs:**	**CS3 AB**
Lab/Sample Details							
Lab Job #:	**0818-729**	**Matrix:**	**Aqueous**	**Date Received:**	**29-Aug-18**		
Lab Sample ID:	**0818-729_10121_001**	**Weight/Volume:**	**1**	**Date Extracted:**	**29-Aug-18**		
QC Batch #:	**10121**	**Split Factor:**	**1**	**Date Analyzed:**	**01-Sep-18**		
Dilution:	-			**Time Analyzed:**	**12:40:07**		

Analyte	Conc. (pg/L)	DLpg/L	EMPC pg/L	Qualifiers	Standard	ES Recoveries	Qualifiers
2,3,7,8-TCDD	ND	0.168			ES 2,3,7,8-TCDD	97.0	
Totals	**Conc. pg/L**	**DLpg/L**	**EMPC pg/L**		**Standard**	**CS/AS Recoveries**	
					CS 37Cl-2378-TCDD	108	
					AS 1368-TCDD	82.2	

MCWP-MW04D (405808-002)						Detailed Results - Method 1613	
Client Details							
Client Sample ID:	MCWP-MW04D (405808-002)		**Client Name:**	**EA Orange**			
Client Project ID:	405808		**Sample Collection Date:**	**23-Aug-18**		**RRFs:**	**CS3 AB**
Lab/Sample Details							
Lab Job #:	**0818-729**	**Matrix:**	**Aqueous**	**Date Received:**	**29-Aug-18**		
Lab Sample ID:	**0818-729_10121_002**	**Weight/Volume:**	**1**	**Date Extracted:**	**29-Aug-18**		
QC Batch #:	**10121**	**Split Factor:**	**1**	**Date Analyzed:**	**01-Sep-18**		
Dilution:	**-**			**Time Analyzed:**	**13:29:10**		

Analyte	Conc. (pg/L)	DLpg/L	EMPC pg/L	Qualifiers	Standard	ES Recoveries	Qualifiers
2,3,7,8-TCDD	ND	0.203			ES 2,3,7,8-TCDD	101	
Totals	**Conc. pg/L**	**DLpg/L**	**EMPC pg/L**		**Standard**	**CS/AS Recoveries**	
					CS 37Cl-2378-TCDD	119	
					AS 1368-TCDD	102	

Continuing Calibration

PCDD/Fs

	CS3-A	CS3-B
Concentration (pg/µL)	10	10
Standard ID	SIDAA19	SIDAA19
Acquisition Date	01-Sep-18	01-Sep-18
Acquisition Time	9:24:22	15:07:19

Analyte	RRF	RRF	ICAL RRFs	PD (CS3-A v. ICAL)	PD (CS3-B v. ICAL)	Average RRF	RPD (CS3s)
2,3,7,8-TCDD	1.16	1.15	1.16	0.0	-0.9	1.16	0.9
1,2,3,7,8-PeCDD	0.98	1.02	1.06	-7.5	-3.8	1.00	4.0
1,2,3,4,7,8-HxCDD	1.06	1.06	1.05	1.0	1.0	1.06	0.0
1,2,3,6,7,8-HxCDD	1.15	1.10	1.09	5.5	0.9	1.13	4.4
1,2,3,7,8,9-HxCDD	0.91	1.01	1.02	-10.8	-1.0	0.96	10.4
1,2,3,4,6,7,8-HpCDD	1.07	1.07	1.07	0.0	0.0	1.07	0.0
OCDD	1.13	1.15	1.11	1.8	3.6	1.14	1.8
2,3,7,8-TCDF	1.07	1.07	1.08	-0.9	-0.9	1.07	0.0
1,2,3,7,8-PeCDF	0.98	1.06	1.04	-5.8	1.9	1.02	7.8
2,3,4,7,8-PeCDF	1.04	1.03	1.02	2.0	1.0	1.04	1.0
1,2,3,4,7,8-HxCDF	1.29	1.30	1.36	-5.1	-4.4	1.30	0.8
1,2,3,6,7,8-HxCDF	1.26	1.22	1.24	1.6	-1.6	1.24	3.2
2,3,4,6,7,8-HxCDF	1.22	1.24	1.26	-3.2	-1.6	1.23	1.6
1,2,3,7,8,9-HxCDF	1.19	1.19	1.24	-4.0	-4.0	1.19	0.0
1,2,3,4,6,7,8-HpCDF	1.39	1.42	1.43	-2.8	-0.7	1.41	2.1
1,2,3,4,7,8,9-HpCDF	1.36	1.33	1.38	-1.4	-3.6	1.35	2.2
OCDF	1.09	1.10	1.11	-1.8	-0.9	1.10	0.9
ES 2,3,7,8-TCDD	0.89	0.97	1.02	-12.7	-4.9	0.93	8.6
ES 1,2,3,7,8-PeCDD	0.76	0.76	0.86	-11.6	-11.6	0.76	0.0
ES 1,2,3,4,7,8-HxCDD	1.04	1.01	1.03	1.0	-1.9	1.03	2.9
ES 1,2,3,6,7,8-HxCDD	1.13	1.01	1.02	10.8	-1.0	1.07	11.2
ES 1,2,3,7,8,9-HxCDD	1.20	1.07	1.14	5.3	-6.1	1.14	11.5
ES 1,2,3,4,6,7,8-HpCDD	0.91	0.82	0.86	5.8	-4.7	0.87	10.4
ES OCDD	0.72	0.61	0.67	7.5	-9.0	0.67	16.5
ES 2,3,7,8-TCDF	0.94	1.02	1.02	-7.8	0.0	0.98	8.2
ES 1,2,3,7,8-PeCDF	0.82	0.83	0.86	-4.7	-3.5	0.83	1.2
ES 2,3,4,7,8-PeCDF	0.77	0.82	0.89	-13.5	-7.9	0.80	6.3
ES 1,2,3,4,7,8-HxCDF	1.29	1.20	1.24	4.0	-3.2	1.25	7.2
ES 1,2,3,6,7,8-HxCDF	1.69	1.42	1.44	17.4	-1.4	1.56	17.4
ES 2,3,4,6,7,8-HxCDF	1.44	1.28	1.31	9.9	-2.3	1.36	11.8
ES 1,2,3,7,8,9-HxCDF	1.15	1.09	1.10	4.5	-0.9	1.12	5.4
ES 1,2,3,4,6,7,8-HpCDF	1.13	0.97	1.00	13.0	-3.0	1.05	15.2
ES 1,2,3,4,7,8,9-HpCDF	0.86	0.81	0.81	6.2	0.0	0.84	6.0
ES OCDF	0.92	0.79	0.87	5.7	-9.2	0.86	15.2

Continuing Calibration — PCDD/Fs

	CS3-A	CS3-B
Concentration (pg/µL)	10	10
Standard ID	SIDAA19	SIDAA19
Acquisition Date	01-Sep-18	01-Sep-18
Acquisition Time	9:24:22	15:07:19

Analyte	RRF	RRF	ICAL RRFs	PD (CS3-A v. ICAL)	PD (CS3-B v. ICAL)	Average RRF	RPD (CS3s)
CS 37Cl-2378-TCDD	1.08	1.15	1.22	-11.5	-5.7	1.12	6.3
CS 12347-PeCDD	0.70	0.69	0.72	-2.8	-4.2	0.70	1.4
CS 12346-PeCDF	0.82	0.84	0.90	-8.9	-6.7	0.83	2.4
CS 123469-HxCDF	1.39	1.21	1.23	13.0	-1.6	1.30	13.8
CS 1234689-HpCDF	1.04	0.92	0.90	15.6	2.2	0.98	12.2
SS 37Cl-2378-TCDD	1.21	1.19	1.20	0.8	-0.8	1.20	1.7
SS 12347-PeCDD	0.93	0.91	0.85	9.4	7.1	0.92	2.2
SS 12346-PeCDF	0.99	1.00	1.05	-5.7	-4.8	1.00	1.0
SS 123469-HxCDF	0.96	0.95	0.94	2.1	1.1	0.96	1.0
SS 1234689-HpCDF	0.92	0.95	0.90	2.2	5.6	0.94	3.2
AS 1368-TCDD	1.10	1.08	1.10	0.0	-1.8	1.09	1.8
AS 1368-TCDF	1.21	1.15	1.17	3.4	-1.7	1.18	5.1
FS 1278-TCDD	-	-	1.07	-	-	-	-
FS 12478-PeCDD	-	-	1.01	-	-	-	-
FS 123468-HxCDD	-	-	1.06	-	-	-	-
FS 1234679-HpCDD	-	-	1.22	-	-	-	-
TS 1378-TCDD	-	-	1.03	-	-	-	-
Analyte	Area	Area					
JS 1234-TCDD	1529130	1512915					
JS 1234-TCDF	2286379	2194072					
JS 123467-HxCDD	853723	995875					

Method Blank

Detailed Results - Method 1613

RRFs: CS3 AB

Lab/Sample Details

		Matrix:	Aqueous	Date Received:	N/A
Lab Sample ID:	MB1_10121_DF	Weight/Volume:	1	Date Extracted:	29-Aug-18
QC Batch #:	10121	Split Factor:	1	Date Analyzed:	01-Sep-18
Dilution:	-			Time Analyzed:	11:51:05

Analyte	Conc. (pg/L)	DLpg/L	EMPC pg/L	Qualifiers	Standard	ES Recoveries	Qualifiers
2,3,7,8-TCDD	ND	0.154			ES 2,3,7,8-TCDD	96.2	
Totals	**Conc. pg/L**	**DLpg/L**	**EMPC pg/L**		**Standard**	**CS/AS Recoveries**	
					CS 37Cl-2378-TCDD	103	
					AS 1368-TCDD	84.2	

OPR Demonstration Data (TCDD Only)

Batch ID#: 10121

Analyte	Conc. (pg)	Lower Limit	Upper Limit	Acceptable?	Standard	ES Recoveries	Lower Limit	Upper Limit	Acceptable?
2,3,7,8-TCDD	11.7	7.3	14.6	Y	ES 2,3,7,8-TCDD	98	25	141	Y
					CS 2,3,7,8-TCDD	11	3.7	15.8	Y

OPR	Detailed Results - Method 1613

RRFs: CS3 AB

Lab/Sample Details

		Matrix:	Aqueous	Date Received:	N/A
Lab Sample ID:	OPR_10121_DF	Final Vol. (uL)	20	Date Extracted:	29-Aug-18
QC Batch #:	10121	Split Factor:	1	Date Analyzed:	01-Sep-18
Dilution:	-			Time Analyzed:	10:12:55

Analyte	Conc. (pg/L)	DLpg/L	EMPC pg/L	Qualifiers	Standard	ES Recoveries	Qualifiers
2,3,7,8-TCDD	11.7				ES 2,3,7,8-TCDD	97.5	
Totals	**Conc. pg/L**	**DLpg/L**	**EMPC pg/L**		**Standard**	**CS/AS Recoveries**	
					CS 37Cl-2378-TCDD	109	
					AS 1368-TCDD	96.8	

Enthalpy Analytical Narrative Summary

Company	Enthalpy Orange	**Client #**	405808
Analyst	Laura Boivin	**Job #**	0818-729
Parameters	Method 1613 – TCDD only	**# Samples**	2

Custody	Enthalpy Analytical, Inc. Wilmington, NC office received the sample (via FedEx) by Robin Appelle on 9/10/2018. The sample was received having a temperature of 2.1 ºC, in good condition. Prior to, during, and after analysis, the samples were stored in the laboratory with access only by authorized personnel of Enthalpy Analytical, Inc.
Analysis	The samples were analyzed by EPA Method 1613 for TCDD only by HRGC/HRMS. The analysis was done using the following instrumentation; High-Resolution-GC - Agilent Tech Model# 6890, AutoSampler – CTC A200 and High-Resolution Mass-Spec. – Waters (Gandalf).
Calibration	The analytes and labeled standards in the initial calibration exhibited RSDs less than 20%. The continuing calibration (CS3A and CS3B) and batch control spike met the 20% criteria for native analytes, and met the 30% criterion for the labeled standards.
QC Notes	The HRMS system displayed mass resolving power of at least 10,000 during the analysis. The QC injection passed the criteria of at or below 40% threshold. Labeled and sampling (surrogate) standard recoveries were acceptable. The samples were extracted within the 30-day from collection holding time and analyzed within the 45-day from extraction to analysis holding time required by the method.
Reporting Notes	The TEQ was calculated and reported to the client using the I-TEFs and the WHO-2005 TEF, calculated several different ways. We also reported Totals and Detection Limits. The results presented in this report are representative of the samples as provided to the laboratory. The samples, calibrations and standards for the data presented in this report were analyzed at 2714 Exchange Drive, Wilmington, NC 28405.

General Reporting Notes – Data Qualifiers

The following are general reporting notes that are applicable to all Enthalpy Analytical, Inc.-Wilmington, NC data reports, unless specifically noted otherwise.

General Data Qualifiers / Data Attributes

- B – The analyte was found in the method blank, at a concentration that was at least 10% of the concentration in the sample.
- C – Two or more congeners co-elute. In EDDs, C denotes the lowest IUPAC congener in a co-elution group and additional co-eluters for the group are shown with the number of the lowest IUPAC co-eluter**.**
- E – The reported concentration exceeds the calibration range (upper point of the calibration curve).
- EMPC – Represents an estimated maximum possible concentration. EMPCs arise in cases where the signal/noise ratio is not sufficient for peak identification (the determined ion-abundance ratio is outside the allowed theoretical range), or where there is a co-eluting interference.
- J – Indicates that an analyte has a concentration below the reporting limit (lowest point of the calibration curve).
- ND – Indicates a non-detect.
- NR – Indicates a value that is not reportable.
- PR – Due to interference, the associated congener is poorly resolved.
- DI – Indicates the presence of a quantitative interference.
- SI – Denotes "Single Ion Mode" and is utilized for PCBs where the secondary ion trace has a significantly elevated noise level due to background PFK. Responses for such peaks are calculated using an EMPC approach based solely on the primary ion area(s) and may be considered estimates.
- U – The analyte was not detected. The Estimated Detection Limit (EDL) may be reported for this analyte.
- V – The labeled standard recovery was found to be outside of the method control limits.

DRBC/TMDL Specific Data Qualifiers / Data Attributes

- J – The reported result is an estimate. The value is less than the minimum calibration level but greater than the Estimated Detection Limit (EDL).
- U – The analyte was not detected in the sample at the Estimated Detection Limit (EDL).
- E – The reported concentration is an estimate. The value exceeds the upper calibration range (upper point of the calibration curve).

- D – Dilution Data. Result was obtained from the analysis of a dilution.
- B – Analyte found in the sample and associated method blank.
- Cxx – Co-elutes with the indicated congener, data is reported under the lowest IUPAC congener. 'xx' denotes the IUPAC number with the lowest numerical designated congener.
- NR – Analyte is not reportable because of problems in sample preparation or analysis.
- V – Labeled standard recovery is not within method control limits.
- X – Results from re-injection/repeat/second-column analysis.
- EMPC – Estimated Maximum Possible Concentration. Indicates that a peak is identified but did not meet the method specified ion-abundance ratio.

Lab Identifiers

- AR – Indicates use of the archived portion of the sample extract.
- CU – Indicates a sample that required additional clean-up prior to HRMS injection/processing.
- D – Indicates a dilution of the sample extract. The number that follows the "D" indicates the dilution factor.
- DE – Indicates a dilution performed with the addition of ES (Extraction Standard) solution.
- DUP – Designation for a duplicate sample.
- MS – Designation for a matrix spike.
- MSD – Designation for a matrix spike duplicate.
- RJ – Indicates a reinjection of the sample extract.
- S – Indicates a sample split. The number that follows the "S" indicates the split factor.

0818-729

Enthalpy Analytical
Formerly Associated Labs
1 Park Plaza, Suite 1000
Irvine, CA 92614
Tel: 714.771.6900 Fax: 714.538.1209
info-sc@enthalpy.com

MONTROSE ENVIRONMENTAL

Subcontract Laboratory:

Enthalpy - Wilmington - Su
2714 Exchange Drive
Wilmington, NC 28405
910-212-5866
ATTN: Bryan Vining
PO# N/A

Project: 405808 **Due:**
PM: Ranjit Clarke
Email: ranjit.clarke@enthalpy.com
CC: incomingreports@enthalpy.com
Require: ☐ EDD ☐ EDF ☐ EDT
Report To: ☐ MDL

Note:

Matrix	Sampled	Sample ID	Analysis	Comment
Water	08/23/18 08:30	SMBRP-9 (405808-001)	1613B_TCDD_OUT	2,3,7,8-TCDD only
Water	08/23/18 12:00	MCWP-MW04D (405808-002)	1613B_TCDD_OUT	2,3,7,8-TCDD only

Note:
15 Day TAT

2,3,7,8-TCDD only

Relinquished By	**Received By:**
Date/Time 8/27/18 15:17	Date/Time 8/29/18 1018 2.1°
Date/Time	Date/Time

ENTHALPY ANALYTICAL

Sample Inventory Report, Receipt and Log-In Form (Non-Air)

Client/Company: EA Orange	**EU Job #:** 0818-729		
Client Project #: 405808	**Date Samples Arrived:** 29-Aug-18		
Client PO #:	**Time Samples Arrived:** 10:18 AM	**Received by Int.:**	RAA

Sample Inventory

Lab Sample ID	Client Sample ID	Client Sample Description	Matrix	Qty.	Sample Collection Date	Sample Collection Time	Notes:
0818-729_001	SMBRP-9 (405808-001)	Water	Aqueous	1	23-Aug-18	8:30 AM	
0818-729_002	MCWP-MW04D (405808-002)	Water	Aqueous	1	23-Aug-18	12:00 PM	

Sample Receipt & Log-in Details

Courier: FedEx		**Container Condition**	**Tracking Number(s):** 773075081408		
# of Boxes: 0	**# of Coolers: 1**	Intact			
Sample Condition: Good			**Custody Seals (cont.):** NO	**Seal Condition:**	N/A
Sample Temperature(s) in °C (coolers): 2.1			**Custody Seals (samples):** NO	**Seal Condition:**	N/A
Perservative Type: Ice			**Chain of Custody:** YES	**COC Type:**	Client
Sample Temperature(s) in °C (boxes): N/A			**COC Anomaly Details (if applicable):**		
Perservative Type: N/A					
Storage Location: R-1		**All Samples Rec'd:** ☑ YES ☐ NO			

Sample Custodian Signature: _____ **Date:** _____

Project Manager Signature: _____ **Date:** 8/29/18

This Is The Last Page Of This Report.

Please Reply To:

AmeriSci Los Angeles
24416 S. Main Street, Ste 308
Carson, California 90745
TEL: (310) 834-4868 • FAX: (310) 834-4772

FACSIMILE TELECOPY TRANSMISSION

To: Ranjit Clarke
Enthalpy Analytical

Fax #:

From: Tyler D Miller
AmeriSci Job #: 918082147
Subject: Water (waste) 5 day Results
Client Project: 405808

Email: incomingreports@enthalpy.com,ranjit.clarke@enthalpy.com

Date: Thursday, August 30, 2018
Time: 10:44:07
Comments:

Number of Pages: 3 (including cover sheet)

CONFIDENTIALITY NOTICE: Unless otherwise indicated, the information contained in this communication is confidential information intended for use of the individual named above. If the reader of this communication is not the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is prohibited. If you have received this communication in error, please immediately notify the sender by telephone and return the original message to the above address via the US Postal Service at our expense. Samples are disposed of in 60 days or unless otherwise instructed by the protocol or special instructions in writing. Thank you.

AmeriSci Job #: **918082147**
Client Name: Enthalpy Analytical

Table I
Summary of Transmission Electron Microscopy (TEM) Results for Asbestos (Water)

405808

AmeriSci Sample #	Client Sample No./Location	Liquid Filtered (liters)	Temp (Celcius)	Structures Detected* (total)	Structures Detected* (>10 µm)	Analytical Sensitivity (MF/L)	Asbestos Conc (total) (MF/L)	Asbestos Conc (>10 µm) (MF/L)	Asbestos Type
01	SMBRP-9 (405808-001)	0.01	1	NSD	NSD	0.21	<0.21	<0.21	----
02	MCWP-MW04D (405808-002)	0.02	1	NSD	NSD	0.18	<0.18	<0.18	----

*fiber criteria (>=0.5 microns, 5:1 aspect ratio); NAD/NSD = no asbestos detected, NA = not analyzed, MF/L = million fibers per liter.

NOTE: Drinking water analysis by EPA-600/4-83-043 (100.1), waste water by EPA-600/4-80-005. Analytical sensitivity calculated as though 1 fiber had been detected on the TEM GRID area analyzed. Samples are refrigerated upon receipt when necessary and filtered within four hours.

Reviewed By: _____ ; Analyzed By: TM _____ Date: 8/30/2018

Tyler D Miller

RM

Enthalpy Analytical
Formerly Associated Labs
1 Park Plaza, Suite 1000
Irvine, CA 92614
Tel: 714.771.6900 Fax: 714.538.1209
info-sc@enthalpy.com

91820147

MONTROSE ENVIRONMENTAL

Subcontract Laboratory:

AmeriSci - Sub
24416 S Main St. # 308
Carson, CA 90745

ATTN: Glenn Massey
PO# 1024488

Project: 405808 **Due:** 08/31/18
PM: Ranjit Clarke
Email: ranjit.clarke@enthalpy.com
CC: incomingreports@enthalpy.com

Require: ☐ EDD ☐ EDF ☐ EDT

Report To: ☐ MDL

Note:

Matrix	Sampled	Sample ID	Analysis	Comment
Water	08/23/18 08:30	SMBRP-9 (405808-001)	100.2 Asbestos	
Water	08/23/18 12:00	MCWP-MW04D (405808-002)	100.2 Asbestos	

Note:
5 Day TAT

Relinquished By	**Received By:**
Saul Ramos	Pissamai Jones
Date/Time 8/24/18 1630	Date/Time 8/24/18 16.30
Date/Time	Date/Time

IC

Enthalpy Analytical, LLC
931 W. Barkley Ave - Orange, CA 92868
Tel: (714)771-6900 Fax: (714)538-1209
www.enthalpy.com
info-sc@enthalpy.com

MONTROSE ENVIRONMENTAL

Client: Rincon Consultants - Ventura
Address: 180 North Ashwood Ave.
Ventura, CA 93003

Attn: Kiernan Brtalik

Comments: Malibu - Annual

Lab Request: 405850
Report Date: 09/04/2018
Date Received: 08/24/2018
Client ID: 15888

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods. Methods accredited by NELAC are indicated on the report. This cover letter is an integral part of the final report.

Sample #	Client Sample ID
405850-001	MCWP-MW10
405850-002	CCPE
405850-003	MCWP-MW05

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

Ranjit K. K. Clarke

Report Review performed by: Ranjit Clarke, Project Manager

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 60 days from date received.

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ACCREDITED IN ACCORDANCE WITH nelac

Matrix: Water **Client:** Rincon Consultants - Ventura **Collector:** Client
Sampled: 08/24/2018 09:00 **Site:**
Sample #: **405850-001** **Client Sample #:** MCWP-MW10 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024 Prep Method: None							QCBatchID:		
Total Organic Nitrogen	**0.3 J**	1	0.04	0.5	mg/L		09/04/18	SLL	J
Method: EPA 300.0 Prep Method: Method							QCBatchID: QC1194782		
Nitrate + Nitrite, as Nitrogen	ND	10	0.17	1	mg/L	08/24/18	08/24/18 18:11	CO	D2
Nitrate, as Nitrogen	ND	10	0.17	1	mg/L	08/24/18	08/24/18 18:11	CO	D2
Nitrite, as Nitrogen	ND	10	0.13	1	mg/L	08/24/18	08/24/18 18:11	CO	D2
Method: SM 2540-C Prep Method: Method							QCBatchID: QC1194985		
Total Dissolved Solids	**3790**	2	20	20	mg/L	08/28/18	08/28/18	DXN	
Method: SM 4500-NH3-G Prep Method: Method							QCBatchID: QC1194960		
Ammonia, as Nitrogen	ND	1	0.01	0.1	mg/L	08/29/18	08/29/18	TP	
Method: SM 4500-NH3-G Prep Method: SM4500-Norg/Auto							QCBatchID: QC1195007		
Total Kjeldahl Nitrogen	**0.287 J**	1	0.052	0.4	mg/L	08/30/18	08/30/18	TP	J
Method: SM 4500-P-B-5-E Prep Method: 4500-P-B-5							QCBatchID: QC1195027		
Total Phosphorous as P	**0.108**	1	0.01	0.02	mg/L	08/30/18	08/30/18	TP	
Total Phosphorous as PO4	**0.331**	1	0.03	0.06	mg/L	08/30/18	08/30/18	TP	
Method: sm 9223-B-b Prep Method: Method							QCBatchID: QC1194815		
Fecal Coliform	**<2**	2			MPN/100ml	08/24/16 12:50	08/25/18	LH	
Total Coliform	**<2**	2			MPN/100ml	08/24/16 12:50	08/25/18	LH	

Matrix: Water **Client:** Rincon Consultants - Ventura **Collector:** Client
Sampled: 08/24/2018 10:00 **Site:**
Sample #: **405850-002** **Client Sample #:** CCPE **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024 Prep Method: None							QCBatchID:		
Total Organic Nitrogen	ND	1	0.04	0.5	mg/L		09/04/18	SLL	
Method: EPA 300.0 Prep Method: Method							QCBatchID: QC1194782		
Nitrate + Nitrite, as Nitrogen	**2.00**	1	0.017	0.1	mg/L	08/24/18	08/24/18 17:36	CO	
Nitrate, as Nitrogen	**2.00**	1	0.017	0.1	mg/L	08/24/18	08/24/18 17:36	CO	
Nitrite, as Nitrogen	ND	1	0.013	0.1	mg/L	08/24/18	08/24/18 17:36	CO	
Method: SM 2540-C Prep Method: Method							QCBatchID: QC1194985		
Total Dissolved Solids	**1380**	2	20	20	mg/L	08/28/18	08/28/18	DXN	
Method: SM 4500-NH3-G Prep Method: Method							QCBatchID: QC1194960		
Ammonia, as Nitrogen	ND	1	0.01	0.1	mg/L	08/29/18	08/29/18	TP	
Method: SM 4500-NH3-G Prep Method: SM4500-Norg/Auto							QCBatchID: QC1195007		
Total Kjeldahl Nitrogen	ND	1	0.052	0.4	mg/L	08/30/18	08/30/18	TP	
Method: SM 4500-P-B-5-E Prep Method: 4500-P-B-5							QCBatchID: QC1195027		
Total Phosphorous as P	**0.194**	1	0.01	0.02	mg/L	08/30/18	08/30/18	TP	
Total Phosphorous as PO4	**0.595**	1	0.03	0.06	mg/L	08/30/18	08/30/18	TP	
Method: sm 9223-B-b Prep Method: Method							QCBatchID: QC1194815		
Fecal Coliform	**<2**	2			MPN/100ml	08/24/16 12:50	08/25/18	LH	
Total Coliform	**<2**	2			MPN/100ml	08/24/16 12:50	08/25/18	LH	

Matrix:	Water	**Client:**	Rincon Consultants - Ventura	**Collector:**	Client
Sampled:	08/24/2018 11:00	**Site:**			
Sample #:	**405850-003**	**Client Sample #:**	MCWP-MW05	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024	Prep Method: None						QCBatchID:		
Total Organic Nitrogen	ND	1	0.04	0.5	mg/L		09/04/18	SLL	
Method: EPA 300.0	Prep Method: Method						QCBatchID:		QC1194782
Nitrate + Nitrite, as Nitrogen	**1.04**	1	0.017	0.1	mg/L	08/24/18	08/24/18 17:53	CO	
Nitrate, as Nitrogen	**1.04**	1	0.017	0.1	mg/L	08/24/18	08/24/18 17:53	CO	
Nitrite, as Nitrogen	ND	1	0.013	0.1	mg/L	08/24/18	08/24/18 17:53	CO	
Method: SM 2540-C	Prep Method: Method						QCBatchID:		QC1194985
Total Dissolved Solids	**2700**	2	20	20	mg/L	08/28/18	08/28/18	DXN	
Method: SM 4500-NH3-G	Prep Method: Method						QCBatchID:		QC1194960
Ammonia, as Nitrogen	ND	1	0.01	0.1	mg/L	08/29/18	08/29/18	TP	
Method: SM 4500-NH3-G	Prep Method: SM4500-Norg/Auto						QCBatchID:		QC1195007
Total Kjeldahl Nitrogen	ND	1	0.052	0.4	mg/L	08/30/18	08/30/18	TP	
Method: SM 4500-P-B-5-E	Prep Method: 4500-P-B-5						QCBatchID:		QC1195027
Total Phosphorous as P	**0.305**	1	0.01	0.02	mg/L	08/30/18	08/30/18	TP	
Total Phosphorous as PO4	**0.935**	1	0.03	0.06	mg/L	08/30/18	08/30/18	TP	
Method: sm 9223-B-b	Prep Method: Method						QCBatchID:		QC1194815
Fecal Coliform	**<2**	2			MPN/100ml	08/24/16 12:50	08/25/18	LH	
Total Coliform	**310**	2			MPN/100ml	08/24/16 12:50	08/25/18	LH	

QCBatchID: QC1194782 **Analyst:** cota **Method:** EPA 300.0

Matrix: Water **Analyzed:** 08/24/2018 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1194782MB1					
Bromide	ND	mg/L	0.039	0.3	
Chloride	ND	mg/L	0.09	1	
Nitrate + Nitrite, as Nitrogen	**0.0269 J**	mg/L	0.017	0.44	
Nitrate, as Nitrogen	ND	mg/L	0.017	0.1	
Nitrate, as NO3	ND	mg/L	0.075	0.44	
Nitrite, as Nitrogen	**0.0269 J**	mg/L	0.013	0.1	
Nitrite, as NO2	**0.0882 J**	mg/L	0.043	0.33	
Sulfate	ND	mg/L	0.087	0.5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194782LCS1											
Bromide	15		14.4		mg/L	96			90-110		
Chloride	100		101		mg/L	101			90-110		
Nitrate, as Nitrogen	9.03		9.09		mg/L	101			90-110		
Nitrate, as NO3	40		40.3		mg/L	101			90-110		
Nitrite, as Nitrogen	9.15		9.24		mg/L	101			90-110		
Nitrite, as NO2	30		30.3		mg/L	101			90-110		
Sulfate	50		49.5		mg/L	99			90-110		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194782MS1, QC1194782MSD1												**Source: 405800-001**
Bromide	0.7	15	15	15.6	15.8	mg/L	99	101	1.3	80-120	20	
Chloride	209	1000	1000	1150	1170	mg/L	94	96	1.7	80-120	20	
Nitrate, as Nitrogen	3.62	9.03	9.03	12.9	13.0	mg/L	103	104	0.8	80-120	20	
Nitrate, as NO3	16.0	40	40	57.0	57.4	mg/L	103	104	0.7	80-120	20	
Nitrite, as Nitrogen	ND	9.15	9.15	8.10	8.44	mg/L	89	92	4.1	80-120	20	
Nitrite, as NO2	ND	30	30	26.6	27.7	mg/L	89	92	4.1	80-120	20	
Sulfate	674	500	500	1120	1120	mg/L	89	89	0.0	80-120	20	
QC1194782MS2, QC1194782MSD2												**Source: 405859-001**
Bromide	ND	15	15	14.7	14.8	mg/L	98	99	0.7	80-120	20	
Chloride	108	100	100	195	196	mg/L	87	88	0.5	80-120	20	
Nitrate, as Nitrogen	ND	9.03	9.03	8.94	9.00	mg/L	99	100	0.7	80-120	20	
Nitrate, as NO3	ND	40	40	39.6	39.9	mg/L	99	100	0.8	80-120	20	
Nitrite, as Nitrogen	ND	9.15	9.15	8.38	8.43	mg/L	92	92	0.6	80-120	20	
Nitrite, as NO2	ND	30	30	27.5	27.7	mg/L	92	92	0.7	80-120	20	
Sulfate	12.4	50	50	61.5	62.0	mg/L	98	99	0.8	80-120	20	

QCBatchID: QC1194960 **Analyst:** trinh **Method:** SM 4500-NH3-G

Matrix: Water **Analyzed:** 08/29/2018 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1194960MB1					
Ammonia, as Nitrogen	ND	mg/L	0.01	0.1	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194960LCS1											
Ammonia, as Nitrogen	5		4.65		mg/L	93			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194960MS1, QC1194960MSD1												**Source: 405808-001**
Ammonia, as Nitrogen	ND	5	5	4.42	4.44	mg/L	88	89	0.5	80-120	20	

QCBatchID:	**QC1194985**	**Analyst:**	tdang	**Method:**	SM 2540-C
Matrix:	Water	**Analyzed:**	08/28/2018	**Instrument:**	CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1194985MB1					
Total Dissolved Solids	ND	mg/L	10	10	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194985LCS1											
Total Dissolved Solids	3000		3280		mg/L	109			90-110		

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1194985DUP1						**Source: 405837-001**
Total Dissolved Solids	756	752	mg/L	0.5	5	

QCBatchID: QC1195007 **Analyst:** trinh **Method:** SM 4500-NH3-G

Matrix: Water **Analyzed:** 08/30/2018 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1195007MB1					
Total Kjeldahl Nitrogen	ND	mg/L	0.052	0.4	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1195007LCS1											
Total Kjeldahl Nitrogen	2.5		2.4		mg/L	96			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1195007MS1, QC1195007MSD1												**Source: 405850-001**
Total Kjeldahl Nitrogen	0.287	12.5	12.5	11	12	mg/L	86	94	8.7	80-120	20	

QCBatchID: QC1195027 **Analyst:** tdang **Method:** SM 4500-P-B-5-E

Matrix: Water **Analyzed:** 08/30/2018 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1195027MB1					
Total Phosphorous as P	ND	mg/L	0.01	0.02	
Total Phosphorous as PO4	ND	mg/L	0.03	0.06	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1195027LCS1											
Total Phosphorous as P	0.4		0.402		mg/L	101			80-120		
Total Phosphorous as PO4	1.23		1.230		mg/L	100			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1195027MS1, QC1195027MSD1												**Source: 405783-003**
Total Phosphorous as P	0.372	0.4	0.4	0.700	0.700	mg/L	82	82	0.0	75-125	20	
Total Phosphorous as PO4	1.140	1.23	1.23	2.14	2.14	mg/L	81	81	0.0	75-125	20	

Data Qualifiers and Definitions

Qualifiers

A	See Report Comments.
B	Analyte was present in an associated method blank.
B1	Analyte was present in a sample and associated method blank greater than MDL but less than RDL.
BQ1	No valid test replicates. Sample Toxicity is possible. Best result was reported.
BQ2	No valid test replicates.
BQ3	No valid test replicates. Final DO is less than 1.0 mg/L. Result may be greater.
BQ4	Minor Dissolved Oxygen loss was observed in the blank water check, however, the LCS was within criteria, validating the batch.
BQ5	Minor Dissolved Oxygen loss was observed in the blank water check.
C	Possible laboratory contamination.
D	RPD was not within control limits. The sample data was reported without further clarification.
D1	Lesser amount of sample was used due to insufficient amount of sample supplied.
D2	Reporting limit is elevated due to sample matrix. Target analyte was not detected above the elevated reporting limit.
D3	Insufficient sample was supplied for TCLP. Client was notified. TCLP was performed per the Client's instructions.
DW	Sample result is calculated on a dry weigh basis.
E	Concentration is estimated because it exceeds the quantification limits of the method.
I	The sample was read outside of the method required incubation period.
IR	Inconclusive Result. Legionella is present, however, there is possible non-specific agglutination preventing specific identification.
J	Reported value is estimated
L	The laboratory control sample (LCS) or laboratory control sample duplicate (LCSD) was out of control limits. Associated sample data was reported with qualifier.
L2	LCS did not meet recovery criteria, however, the MS and/or MSD met LCS recovery criteria, validating the batch.
M	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits due to matrix interference. The associated LCS and/or LCSD was within control limits and the sample data was reported without further clarification.
M1	The matrix spike (MS) or matrix spike duplicate (MSD) is not within control limits due to matrix interference.
M2	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits. The associated LCS and/or LCSD was not within control limits. Sample result is estimated.
N1	Sample chromatography does not match the specified TPH standard pattern.
NC	The analyte concentration in the sample exceeded the spike level by a factor of four or greater, spike recovery and limits do not apply.
P	Sample was received without proper preservation according to EPA guidelines.
P1	Temperature of sample storage refrigerator was out of acceptance limits.
P2	The sample was preserved within 24 hours of collection in accordance with EPA 218.6.
P3	Per Client request, sample was composited for volatile analysis. Sample compositing for volatile analysis is not recommended due to potential loss of target analytes. Results may be biased low.
Q1	Analyte Calibration Verification exceeds criteria. The result is estimated.
Q2	Analyte calibration was not verified and the result was estimated.
Q3	Analyte initial calibration was not available or exceeds criteria. The result was estimated.
S	The surrogate recovery was out of control limits due to matrix interference. The associated method blank surrogate recovery was within control limits and the sample data was reported without further clarification.
S1	The associated surrogate recovery was out of control limits; result is estimated.
S2	The surrogate was diluted out due to the presence of high concentrations of target and/or non-target compounds. Surrogate recoveries in the associated batch QC met recovery criteria.
S3	Internal Standard did not meet recovery limits. Analyte concentration is estimated.
T	Sample was extracted/analyzed past the holding time.
T1	Reanalysis was reported past hold time due to failing replicates in the original analysis (BOD only).
T2	Sample was analyzed ASAP but received and analyzed past the 15 minute holding time.
T3	Sample received and analyzed out of hold time per client's request.
T4	Sample was analyzed out of hold time per client's request.
T5	Reanalysis was reported past hold time. The original analysis was within hold time, but not reportable.
T6	Hold time is indeterminable due to unspecified sampling time.
T7	Sample was analyzed past hold time due to insufficient time remaining at time of receipt.

Definitions

DF	Dilution Factor
MDL	Method Detection Limit. Result is reported ND when it is less than or equal to MDL.
ND	Analyte was not detected or was less than the detection limit.
NR	Not Reported. See Report Comments.
RDL	Reporting Detection Limit
TIC	Tentatively Identified Compounds

ENTHALPHY ANALYTICAL, INC.	Chain of Custody Record					Turn Around Time (Rush by advanced notice only)					
931 W. Barkley Ave., Orange, CA 92868	Lab No: 405850					Standard:	X	4 Day:		3 Day:	
Phone: (714) 771-6900 Fax: (714) 538-1209	Page:	1	of	1		2 Day:		1 Day:		Same Day:	
Billing: Enthalpy - SoCal	Matrix: A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other					Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other					
c/o Montrose Environmental Group											
1 Park Plaza, Suite 1000, Irvine, CA 92614											

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Rincon Consultants	Name:	Malibu - Annual
Report To:	Kiernan Brtalik	Number:	
Email:	KBrtalik@RinconConsultants.com	P.O. #:	
Address:	180 N. Ashwood Ave.	Address:	
	Ventura, CA 93003		
Phone:	805.644.4455	Global ID:	
Cell:		Sampled By:	P. Doran

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Total /Fecal Coliforms - SM 9223 Quantitray	TKN; NH3; Organic Nitrogen (Calculation)	EPA 300.0 (NO2,NO3)	Total Phosphorus	SM 2540C TDS					Test Instructions / Comments
~~SMBRP-13~~						~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	PD				
MCWP-MW10	8.24.18	0900	W	4/VARIOUS	VARIOUS	X	X	X	X	X					
CCPE	8.24.18	1000	W	4/VARIOUS	VARIOUS	X	X	X	X	X					
~~MBCMW-9~~						~~X~~	~~X~~	~~X~~	~~X~~	~~X~~				PD	
~~SMBRP-7B~~						~~X~~	~~X~~	~~X~~	~~X~~	~~X~~			PD		
MCWP-MW05	8.24.18	1100	W	4/VARIOUS	VARIOUS	X	X	X	X	X					
MCWP-MW06						~~X~~	~~X~~	~~X~~	~~X~~	~~X~~		PD			

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Peter Doran	Rincon	8.24.18 / 1240
[1] Received By:			Enthalpy	8/24/18 1241
[2] Relinquished By:			Enthalpy	8/24/18 1513
[2] Received By:		Christine Castro	EA	8/24/18 1513
[3] Relinquished By:				

11/17-C

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Rincon Consultants Project: Malibu- Annual

Date Received: 8/24/18 Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 1 ☐ No (skip section 2) Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 1.7 #2: _____ #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: _____

Section 3

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 0.1 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?	✓		
Are custody seals present?		✓	
If custody seals are present, were they intact?			✓
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)	✓		
Did all samples arrive intact? If no, indicate in Section 4 below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were the samples collected in the correct containers for the required tests?	✓		
Are the containers labeled with the correct preservatives?	✓		
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✓
Was a sufficient amount of sample submitted for the requested tests?	✓		

Section 5 Explanations/Comments

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____

☐ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: 8/24/18

Enthalpy Analytical, LLC
931 W. Barkley Ave - Orange, CA 92868
Tel: (714)771-6900 Fax: (714)538-1209
www.enthalpy.com
info-sc@enthalpy.com

MONTROSE ENVIRONMENTAL

Client: Rincon Consultants - Ventura
Address: 180 North Ashwood Ave.
Ventura, CA 93003

Attn: Kiernan Brtalik

Comments: Malibu - Annual

Lab Request: 405917
Report Date: 09/05/2018
Date Received: 08/28/2018
Client ID: 15888

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods. Methods accredited by NELAC are indicated on the report. This cover letter is an integral part of the final report.

Sample #	Client Sample ID
405917-001	N-001
405917-002	N-002
405917-003	N-003
405917-004	N-004
405917-005	L-001
405917-006	L-002
405917-007	L-003
405917-008	L-004
405917-009	L-005
405917-010	L-006

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

Ranjit K. K. Clarke

Report Review performed by: Ranjit Clarke, Project Manager

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 60 days from date received.

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Matrix: Water **Client:** Rincon Consultants - Ventura **Collector:** Client
Sampled: 08/28/2018 11:00 **Site:**
Sample #: **405917-001** **Client Sample #:** N-001 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024 Prep Method: None							QCBatchID:		
Total Organic Nitrogen	ND	1	0.04	0.5	mg/L		09/05/18	SLL	
Method: ALCH 4025 Prep Method: None							QCBatchID:		
Total Nitrogen	ND	1	0.1	0.5	mg/L		09/05/18	SLL	
Method: EPA 300.0 Prep Method: Method							QCBatchID:		QC1195008
Nitrate + Nitrite, as Nitrogen	ND	1	0.017	0.1	mg/L	08/28/18	08/29/18 00:44	CO	
Nitrate, as Nitrogen	ND	1	0.017	0.1	mg/L	08/28/18	08/29/18 00:44	CO	
Nitrite, as Nitrogen	ND	1	0.013	0.1	mg/L	08/28/18	08/29/18 00:44	CO	
Method: SM 4500-NH3-G Prep Method: Method							QCBatchID:		QC1194965
Ammonia, as Nitrogen	ND	1	0.01	0.1	mg/L	08/29/18	08/29/18	TP	
Method: SM 4500-NH3-G Prep Method: SM4500-Norg/Auto							QCBatchID:		QC1195130
Total Kjeldahl Nitrogen	ND	1	0.052	0.4	mg/L	09/04/18	09/04/18	TP	
Method: SM 4500-P-B-5-E Prep Method: 4500-P-B-5							QCBatchID:		QC1195171
Total Phosphorous as P	**0.068**	1	0.01	0.02	mg/L	09/05/18	09/05/18	TP	
Total Phosphorous as PO4	**0.208**	1	0.03	0.06	mg/L	09/05/18	09/05/18	TP	
Method: sm 9223-B-b Prep Method: Method							QCBatchID:		QC1194947
Fecal Coliform	**<2**	2			MPN/100ml	08/28/18 16:00	08/30/18	SK	
Total Coliform	**<2**	2			MPN/100ml	08/28/18 16:00	08/30/18	SK	

Matrix: Water **Client:** Rincon Consultants - Ventura **Collector:** Client
Sampled: 08/28/2018 11:05 **Site:**
Sample #: **405917-002** **Client Sample #:** N-002 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024 Prep Method: None							QCBatchID:		
Total Organic Nitrogen	ND	1	0.04	0.5	mg/L		09/05/18	SLL	
Method: ALCH 4025 Prep Method: None							QCBatchID:		
Total Nitrogen	ND	1	0.1	0.5	mg/L		09/05/18	SLL	
Method: EPA 300.0 Prep Method: Method							QCBatchID:		QC1195008
Nitrate + Nitrite, as Nitrogen	ND	1	0.017	0.1	mg/L	08/28/18	08/29/18 01:37	CO	
Nitrate, as Nitrogen	ND	1	0.017	0.1	mg/L	08/28/18	08/29/18 01:37	CO	
Nitrite, as Nitrogen	ND	1	0.013	0.1	mg/L	08/28/18	08/29/18 01:37	CO	
Method: SM 4500-NH3-G Prep Method: Method							QCBatchID:		QC1194965
Ammonia, as Nitrogen	ND	1	0.01	0.1	mg/L	08/29/18	08/29/18	TP	
Method: SM 4500-NH3-G Prep Method: SM4500-Norg/Auto							QCBatchID:		QC1195130
Total Kjeldahl Nitrogen	ND	1	0.052	0.4	mg/L	09/04/18	09/04/18	TP	
Method: SM 4500-P-B-5-E Prep Method: 4500-P-B-5							QCBatchID:		QC1195171
Total Phosphorous as P	**0.047**	1	0.01	0.02	mg/L	09/05/18	09/05/18	TP	
Total Phosphorous as PO4	**0.144**	1	0.03	0.06	mg/L	09/05/18	09/05/18	TP	
Method: sm 9223-B-b Prep Method: Method							QCBatchID:		QC1194947
Fecal Coliform	**<2**	2			MPN/100ml	08/28/18 16:00	08/30/18	SK	
Total Coliform	**<2**	2			MPN/100ml	08/28/18 16:00	08/30/18	SK	

Matrix: Water **Client:** Rincon Consultants - Ventura **Collector:** Client
Sampled: 08/28/2018 11:10 **Site:**
Sample #: **405917-003** **Client Sample #:** N-003 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024 Prep Method: None							QCBatchID:		
Total Organic Nitrogen	ND	1	0.04	0.5	mg/L		09/05/18	SLL	
Method: ALCH 4025 Prep Method: None							QCBatchID:		
Total Nitrogen	ND	1	0.1	0.5	mg/L		09/05/18	SLL	
Method: EPA 300.0 Prep Method: Method							QCBatchID:		QC1195008
Nitrate + Nitrite, as Nitrogen	ND	1	0.017	0.1	mg/L	08/28/18	08/29/18 01:54	CO	
Nitrate, as Nitrogen	ND	1	0.017	0.1	mg/L	08/28/18	08/29/18 01:54	CO	
Nitrite, as Nitrogen	ND	1	0.013	0.1	mg/L	08/28/18	08/29/18 01:54	CO	
Method: SM 4500-NH3-G Prep Method: Method							QCBatchID:		QC1194965
Ammonia, as Nitrogen	ND	1	0.01	0.1	mg/L	08/29/18	08/29/18	TP	
Method: SM 4500-NH3-G Prep Method: SM4500-Norg/Auto							QCBatchID:		QC1195130
Total Kjeldahl Nitrogen	ND	1	0.052	0.4	mg/L	09/04/18	09/04/18	TP	
Method: SM 4500-P-B-5-E Prep Method: 4500-P-B-5							QCBatchID:		QC1195171
Total Phosphorous as P	**0.080**	1	0.01	0.02	mg/L	09/05/18	09/05/18	TP	
Total Phosphorous as PO4	**0.245**	1	0.03	0.06	mg/L	09/05/18	09/05/18	TP	
Method: sm 9223-B-b Prep Method: Method							QCBatchID:		QC1194947
Fecal Coliform	**6.2**	2			MPN/100ml	08/28/18 16:00	08/30/18	SK	
Total Coliform	**<2**	2			MPN/100ml	08/28/18 16:00	08/30/18	SK	

Matrix: Water **Client:** Rincon Consultants - Ventura **Collector:** Client
Sampled: 08/28/2018 10:30 **Site:**
Sample #: **405917-004** **Client Sample #:** N-004 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024 Prep Method: None							QCBatchID:		
Total Organic Nitrogen	ND	1	0.04	0.5	mg/L		09/05/18	SLL	
Method: ALCH 4025 Prep Method: None							QCBatchID:		
Total Nitrogen	ND	1	0.1	0.5	mg/L		09/05/18	SLL	
Method: EPA 300.0 Prep Method: Method							QCBatchID:		QC1195008
Nitrate + Nitrite, as Nitrogen	ND	1	0.017	0.1	mg/L	08/28/18	08/29/18 02:11	CO	
Nitrate, as Nitrogen	ND	1	0.017	0.1	mg/L	08/28/18	08/29/18 02:11	CO	
Nitrite, as Nitrogen	ND	1	0.013	0.1	mg/L	08/28/18	08/29/18 02:11	CO	
Method: SM 4500-NH3-G Prep Method: Method							QCBatchID:		QC1194965
Ammonia, as Nitrogen	ND	1	0.01	0.1	mg/L	08/29/18	08/29/18	TP	
Method: SM 4500-NH3-G Prep Method: SM4500-Norg/Auto							QCBatchID:		QC1195130
Total Kjeldahl Nitrogen	ND	1	0.052	0.4	mg/L	09/04/18	09/04/18	TP	
Method: SM 4500-P-B-5-E Prep Method: 4500-P-B-5							QCBatchID:		QC1195171
Total Phosphorous as P	**0.039**	1	0.01	0.02	mg/L	09/05/18	09/05/18	TP	
Total Phosphorous as PO4	**0.120**	1	0.03	0.06	mg/L	09/05/18	09/05/18	TP	
Method: sm 9223-B-b Prep Method: Method							QCBatchID:		QC1194947
Fecal Coliform	**<2**	2			MPN/100ml	08/28/18 16:00	08/30/18	SK	
Total Coliform	**<2**	2			MPN/100ml	08/28/18 16:00	08/30/18	SK	

Matrix: Water **Client:** Rincon Consultants - Ventura **Collector:** Client
Sampled: 08/28/2018 12:35 **Site:**
Sample #: **405917-005** **Client Sample #:** L-001 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024 Prep Method: None							QCBatchID:		
Total Organic Nitrogen	**2.80**	1	0.04	0.5	mg/L		09/05/18	SLL	
Method: ALCH 4025 Prep Method: None							QCBatchID:		
Total Nitrogen	**2.80**	1	0.1	0.5	mg/L		09/05/18	SLL	
Method: EPA 300.0 Prep Method: Method							QCBatchID:		QC1195008
Nitrate + Nitrite, as Nitrogen	ND	1	0.017	0.1	mg/L	08/28/18	08/29/18 03:04	CO	
Nitrate, as Nitrogen	ND	1	0.017	0.1	mg/L	08/28/18	08/29/18 03:04	CO	
Nitrite, as Nitrogen	ND	1	0.013	0.1	mg/L	08/28/18	08/29/18 03:04	CO	
Method: SM 4500-NH3-G Prep Method: Method							QCBatchID:		QC1194965
Ammonia, as Nitrogen	ND	1	0.01	0.1	mg/L	08/29/18	08/29/18	TP	
Method: SM 4500-NH3-G Prep Method: SM4500-Norg/Auto							QCBatchID:		QC1195130
Total Kjeldahl Nitrogen	**2.8**	1	0.052	0.4	mg/L	09/04/18	09/04/18	TP	
Method: SM 4500-P-B-5-E Prep Method: 4500-P-B-5							QCBatchID:		QC1195171
Total Phosphorous as P	**0.491**	1	0.01	0.02	mg/L	09/05/18	09/05/18	TP	
Total Phosphorous as PO4	**1.505**	1	0.03	0.06	mg/L	09/05/18	09/05/18	TP	
Method: sm 9223-B-b Prep Method: Method							QCBatchID:		QC1194947
Fecal Coliform	**2.0**	2			MPN/100ml	08/28/18 16:00	08/30/18	SK	
Total Coliform	**140**	2			MPN/100ml	08/28/18 16:00	08/30/18	SK	

Matrix: Water **Client:** Rincon Consultants - Ventura **Collector:** Client
Sampled: 08/28/2018 12:55 **Site:**
Sample #: **405917-006** **Client Sample #:** L-002 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024 Prep Method: None							QCBatchID:		
Total Organic Nitrogen	**3.40**	1	0.04	0.5	mg/L		09/05/18	SLL	
Method: ALCH 4025 Prep Method: None							QCBatchID:		
Total Nitrogen	**3.40**	1	0.1	0.5	mg/L		09/05/18	SLL	
Method: EPA 300.0 Prep Method: Method							QCBatchID:		QC1195008
Nitrate + Nitrite, as Nitrogen	ND	1	0.017	0.1	mg/L	08/28/18	08/29/18 03:21	CO	
Nitrate, as Nitrogen	ND	1	0.017	0.1	mg/L	08/28/18	08/29/18 03:21	CO	
Nitrite, as Nitrogen	ND	1	0.013	0.1	mg/L	08/28/18	08/29/18 03:21	CO	
Method: SM 4500-NH3-G Prep Method: Method							QCBatchID:		QC1194965
Ammonia, as Nitrogen	ND	1	0.01	0.1	mg/L	08/29/18	08/29/18	TP	
Method: SM 4500-NH3-G Prep Method: SM4500-Norg/Auto							QCBatchID:		QC1195130
Total Kjeldahl Nitrogen	**3.4**	1	0.052	0.4	mg/L	09/04/18	09/04/18	TP	
Method: SM 4500-P-B-5-E Prep Method: 4500-P-B-5							QCBatchID:		QC1195171
Total Phosphorous as P	**0.459**	1	0.01	0.02	mg/L	09/05/18	09/05/18	TP	
Total Phosphorous as PO4	**1.410**	1	0.03	0.06	mg/L	09/05/18	09/05/18	TP	
Method: sm 9223-B-b Prep Method: Method							QCBatchID:		QC1194947
Fecal Coliform	**<2**	2			MPN/100ml	08/28/18 16:00	08/30/18	SK	
Total Coliform	**540**	2			MPN/100ml	08/28/18 16:00	08/30/18	SK	

Matrix: Water **Client:** Rincon Consultants - Ventura **Collector:** Client
Sampled: 08/28/2018 12:45 **Site:**
Sample #: 405917-007 **Client Sample #:** L-003 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024 Prep Method: None							QCBatchID:		
Total Organic Nitrogen	**2.80**	1	0.04	0.5	mg/L		09/05/18	SLL	
Method: ALCH 4025 Prep Method: None							QCBatchID:		
Total Nitrogen	**2.80**	1	0.1	0.5	mg/L		09/05/18	SLL	
Method: EPA 300.0 Prep Method: Method							QCBatchID:		QC1195008
Nitrate + Nitrite, as Nitrogen	ND	1	0.017	0.1	mg/L	08/28/18	08/29/18 03:39	CO	
Nitrate, as Nitrogen	ND	1	0.017	0.1	mg/L	08/28/18	08/29/18 03:39	CO	
Nitrite, as Nitrogen	ND	1	0.013	0.1	mg/L	08/28/18	08/29/18 03:39	CO	
Method: SM 4500-NH3-G Prep Method: Method							QCBatchID:		QC1194965
Ammonia, as Nitrogen	ND	1	0.01	0.1	mg/L	08/29/18	08/29/18	TP	
Method: SM 4500-NH3-G Prep Method: SM4500-Norg/Auto							QCBatchID:		QC1195130
Total Kjeldahl Nitrogen	**2.8**	1	0.052	0.4	mg/L	09/04/18	09/04/18	TP	
Method: SM 4500-P-B-5-E Prep Method: 4500-P-B-5							QCBatchID:		QC1195171
Total Phosphorous as P	**0.353**	1	0.01	0.02	mg/L	09/05/18	09/05/18	TP	
Total Phosphorous as PO4	**1.080**	1	0.03	0.06	mg/L	09/05/18	09/05/18	TP	
Method: sm 9223-B-b Prep Method: Method							QCBatchID:		QC1194947
Fecal Coliform	**4**	2			MPN/100ml	08/28/18 16:00	08/30/18	SK	
Total Coliform	**84**	2			MPN/100ml	08/28/18 16:00	08/30/18	SK	

Matrix: Water **Client:** Rincon Consultants - Ventura **Collector:** Client
Sampled: 08/28/2018 11:45 **Site:**
Sample #: 405917-008 **Client Sample #:** L-004 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024 Prep Method: None							QCBatchID:		
Total Organic Nitrogen	**3.80**	1	0.04	0.5	mg/L		09/05/18	SLL	
Method: ALCH 4025 Prep Method: None							QCBatchID:		
Total Nitrogen	**3.80**	1	0.1	0.5	mg/L		09/05/18	SLL	
Method: EPA 300.0 Prep Method: Method							QCBatchID:		QC1195008
Nitrate + Nitrite, as Nitrogen	ND	1	0.017	0.1	mg/L	08/28/18	08/29/18 03:56	CO	
Nitrate, as Nitrogen	ND	1	0.017	0.1	mg/L	08/28/18	08/29/18 03:56	CO	
Nitrite, as Nitrogen	ND	1	0.013	0.1	mg/L	08/28/18	08/29/18 03:56	CO	
Method: SM 4500-NH3-G Prep Method: Method							QCBatchID:		QC1194965
Ammonia, as Nitrogen	ND	1	0.01	0.1	mg/L	08/29/18	08/29/18	TP	
Method: SM 4500-NH3-G Prep Method: SM4500-Norg/Auto							QCBatchID:		QC1195130
Total Kjeldahl Nitrogen	**3.8**	1	0.052	0.4	mg/L	09/04/18	09/04/18	TP	
Method: SM 4500-P-B-5-E Prep Method: 4500-P-B-5							QCBatchID:		QC1195171
Total Phosphorous as P	**0.396**	1	0.01	0.02	mg/L	09/05/18	09/05/18	TP	
Total Phosphorous as PO4	**1.214**	1	0.03	0.06	mg/L	09/05/18	09/05/18	TP	
Method: sm 9223-B-b Prep Method: Method							QCBatchID:		QC1194947
Fecal Coliform	**6.2**	2			MPN/100ml	08/28/18 16:00	08/30/18	SK	
Total Coliform	**270**	2			MPN/100ml	08/28/18 16:00	08/30/18	SK	

Matrix: Water **Client:** Rincon Consultants - Ventura **Collector:** Client
Sampled: 08/28/2018 11:50 **Site:**
Sample #: **405917-009** **Client Sample #:** L-005 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024 Prep Method: None							QCBatchID:		
Total Organic Nitrogen	**3.10**	1	0.04	0.5	mg/L		09/05/18	SLL	
Method: ALCH 4025 Prep Method: None							QCBatchID:		
Total Nitrogen	**3.10**	1	0.1	0.5	mg/L		09/05/18	SLL	
Method: EPA 300.0 Prep Method: Method							QCBatchID:		QC1195008
Nitrate + Nitrite, as Nitrogen	ND	1	0.017	0.1	mg/L	08/28/18	08/29/18 04:14	CO	
Nitrate, as Nitrogen	ND	1	0.017	0.1	mg/L	08/28/18	08/29/18 04:14	CO	
Nitrite, as Nitrogen	ND	1	0.013	0.1	mg/L	08/28/18	08/29/18 04:14	CO	
Method: SM 4500-NH3-G Prep Method: Method							QCBatchID:		QC1194965
Ammonia, as Nitrogen	ND	1	0.01	0.1	mg/L	08/29/18	08/29/18	TP	
Method: SM 4500-NH3-G Prep Method: SM4500-Norg/Auto							QCBatchID:		QC1195130
Total Kjeldahl Nitrogen	**3.1**	1	0.052	0.4	mg/L	09/04/18	09/04/18	TP	
Method: SM 4500-P-B-5-E Prep Method: 4500-P-B-5							QCBatchID:		QC1195171
Total Phosphorous as P	**0.432**	1	0.01	0.02	mg/L	09/05/18	09/05/18	TP	
Total Phosphorous as PO4	**1.324**	1	0.03	0.06	mg/L	09/05/18	09/05/18	TP	
Method: sm 9223-B-b Prep Method: Method							QCBatchID:		QC1194947
Fecal Coliform	**<2**	2			MPN/100ml	08/28/18 16:00	08/30/18	SK	
Total Coliform	**100**	2			MPN/100ml	08/28/18 16:00	08/30/18	SK	

Matrix: Water **Client:** Rincon Consultants - Ventura **Collector:** Client
Sampled: 08/28/2018 11:15 **Site:**
Sample #: **405917-010** **Client Sample #:** L-006 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024 Prep Method: None							QCBatchID:		
Total Organic Nitrogen	**2.80**	1	0.04	0.5	mg/L		09/05/18	SLL	
Method: ALCH 4025 Prep Method: None							QCBatchID:		
Total Nitrogen	**2.80**	1	0.1	0.5	mg/L		09/05/18	SLL	
Method: EPA 300.0 Prep Method: Method							QCBatchID:		QC1195008
Nitrate + Nitrite, as Nitrogen	ND	1	0.017	0.1	mg/L	08/28/18	08/29/18 04:31	CO	
Nitrate, as Nitrogen	ND	1	0.017	0.1	mg/L	08/28/18	08/29/18 04:31	CO	
Nitrite, as Nitrogen	ND	1	0.013	0.1	mg/L	08/28/18	08/29/18 04:31	CO	
Method: SM 4500-NH3-G Prep Method: Method							QCBatchID:		QC1194965
Ammonia, as Nitrogen	ND	1	0.01	0.1	mg/L	08/29/18	08/29/18	TP	
Method: SM 4500-NH3-G Prep Method: SM4500-Norg/Auto							QCBatchID:		QC1195130
Total Kjeldahl Nitrogen	**2.8**	1	0.052	0.4	mg/L	09/04/18	09/04/18	TP	
Method: SM 4500-P-B-5-E Prep Method: 4500-P-B-5							QCBatchID:		QC1195171
Total Phosphorous as P	**0.416**	1	0.01	0.02	mg/L	09/05/18	09/05/18	TP	
Total Phosphorous as PO4	**1.276**	1	0.03	0.06	mg/L	09/05/18	09/05/18	TP	
Method: sm 9223-B-b Prep Method: Method							QCBatchID:		QC1194947
Fecal Coliform	**28**	2			MPN/100ml	08/28/18 16:00	08/30/18	SK	
Total Coliform	**210**	2			MPN/100ml	08/28/18 16:00	08/30/18	SK	

QCBatchID: QC1194965 **Analyst:** trinh **Method:** SM 4500-NH3-G

Matrix: Water **Analyzed:** 08/29/2018 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1194965MB1					
Ammonia, as Nitrogen	ND	mg/L	0.01	0.1	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194965LCS1											
Ammonia, as Nitrogen	5		4.79		mg/L	96			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1194965MS1, QC1194965MSD1												**Source: 405917-002**
Ammonia, as Nitrogen	ND	5	5	6.12	6.14	mg/L	122	123	0.3	80-120	20	M

QCBatchID: QC1195008	**Analyst:** cota	**Method:** EPA 300.0	
Matrix: Water	**Analyzed:** 08/28/2018	**Instrument:** AAICP (group)	

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1195008MB1					
Nitrate + Nitrite, as Nitrogen	**0.03 J**	mg/L	0.017	0.1	
Nitrate, as Nitrogen	ND	mg/L	0.017	0.1	
Nitrite, as Nitrogen	**0.03 J**	mg/L	0.013	0.1	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries		RPD	Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD		%Rec	RPD	
QC1195008LCS1, QC1195008LCSD1											
Nitrate, as Nitrogen	9.03	9.03	9.02	9.04	mg/L	100	100	0	90-110	20	
Nitrite, as Nitrogen	9.15	9.15	8.32	8.79	mg/L	91	96	5	90-110	20	

QCBatchID: QC1195130 **Analyst:** trinh **Method:** SM 4500-NH3-G

Matrix: Water **Analyzed:** 09/04/2018 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1195130MB1					
Total Kjeldahl Nitrogen	ND	mg/L	0.052	0.4	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1195130LCS1											
Total Kjeldahl Nitrogen	2.5		2.8		mg/L	112			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1195130MS1, QC1195130MSD1												**Source: 406045-001**
Total Kjeldahl Nitrogen	ND	12.5	12.5	12	12	mg/L	96	96	0.0	80-120	20	

QCBatchID: QC1195171 **Analyst:** trinh **Method:** SM 4500-P-B-5-E

Matrix: Water **Analyzed:** 09/05/2018 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1195171MB1					
Total Phosphorous as P	ND	mg/L	0.01	0.02	
Total Phosphorous as PO4	ND	mg/L	0.03	0.06	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1195171LCS1											
Total Phosphorous as P	0.4		0.429		mg/L	107			80-120		
Total Phosphorous as PO4	1.23		1.320		mg/L	107			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1195171MS1, QC1195171MSD1												**Source: 406045-001**
Total Phosphorous as P	1.470	2	2	3.10	3.11	mg/L	82	82	0.3	75-125	20	
Total Phosphorous as PO4	4.51	6.132	6.132	9.52	9.54	mg/L	82	82	0.2	75-125	20	

Data Qualifiers and Definitions

Qualifiers

A	See Report Comments.
B	Analyte was present in an associated method blank.
B1	Analyte was present in a sample and associated method blank greater than MDL but less than RDL.
BQ1	No valid test replicates. Sample Toxicity is possible. Best result was reported.
BQ2	No valid test replicates.
BQ3	No valid test replicates. Final DO is less than 1.0 mg/L. Result may be greater.
BQ4	Minor Dissolved Oxygen loss was observed in the blank water check, however, the LCS was within criteria, validating the batch.
BQ5	Minor Dissolved Oxygen loss was observed in the blank water check.
C	Possible laboratory contamination.
D	RPD was not within control limits. The sample data was reported without further clarification.
D1	Lesser amount of sample was used due to insufficient amount of sample supplied.
D2	Reporting limit is elevated due to sample matrix. Target analyte was not detected above the elevated reporting limit.
D3	Insufficient sample was supplied for TCLP. Client was notified. TCLP was performed per the Client's instructions.
DW	Sample result is calculated on a dry weigh basis.
E	Concentration is estimated because it exceeds the quantification limits of the method.
I	The sample was read outside of the method required incubation period.
IR	Inconclusive Result. Legionella is present, however, there is possible non-specific agglutination preventing specific identification.
J	Reported value is estimated
L	The laboratory control sample (LCS) or laboratory control sample duplicate (LCSD) was out of control limits. Associated sample data was reported with qualifier.
L2	LCS did not meet recovery criteria, however, the MS and/or MSD met LCS recovery criteria, validating the batch.
M	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits due to matrix interference. The associated LCS and/or LCSD was within control limits and the sample data was reported without further clarification.
M1	The matrix spike (MS) or matrix spike duplicate (MSD) is not within control limits due to matrix interference.
M2	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits. The associated LCS and/or LCSD was not within control limits. Sample result is estimated.
N1	Sample chromatography does not match the specified TPH standard pattern.
NC	The analyte concentration in the sample exceeded the spike level by a factor of four or greater, spike recovery and limits do not apply.
P	Sample was received without proper preservation according to EPA guidelines.
P1	Temperature of sample storage refrigerator was out of acceptance limits.
P2	The sample was preserved within 24 hours of collection in accordance with EPA 218.6.
P3	Per Client request, sample was composited for volatile analysis. Sample compositing for volatile analysis is not recommended due to potential loss of target analytes. Results may be biased low.
Q1	Analyte Calibration Verification exceeds criteria. The result is estimated.
Q2	Analyte calibration was not verified and the result was estimated.
Q3	Analyte initial calibration was not available or exceeds criteria. The result was estimated.
S	The surrogate recovery was out of control limits due to matrix interference. The associated method blank surrogate recovery was within control limits and the sample data was reported without further clarification.
S1	The associated surrogate recovery was out of control limits; result is estimated.
S2	The surrogate was diluted out due to the presence of high concentrations of target and/or non-target compounds. Surrogate recoveries in the associated batch QC met recovery criteria.
S3	Internal Standard did not meet recovery limits. Analyte concentration is estimated.
T	Sample was extracted/analyzed past the holding time.
T1	Reanalysis was reported past hold time due to failing replicates in the original analysis (BOD only).
T2	Sample was analyzed ASAP but received and analyzed past the 15 minute holding time.
T3	Sample received and analyzed out of hold time per client's request.
T4	Sample was analyzed out of hold time per client's request.
T5	Reanalysis was reported past hold time. The original analysis was within hold time, but not reportable.
T6	Hold time is indeterminable due to unspecified sampling time.
T7	Sample was analyzed past hold time due to insufficient time remaining at time of receipt.

Definitions

DF	Dilution Factor
MDL	Method Detection Limit. Result is reported ND when it is less than or equal to MDL.
ND	Analyte was not detected or was less than the detection limit.
NR	Not Reported. See Report Comments.
RDL	Reporting Detection Limit
TIC	Tentatively Identified Compounds

ENTHALPHY ANALYTICAL, INC.	Chain of Custody Record				Turn Around Time (Rush by advanced notice only)					
931 W. Barkley Ave., Orange, CA 92868	Lab No:	405917			Standard:	X	4 Day:		3 Day:	
Phone: (714) 771-6900 Fax: (714) 538-1209	Page:	1	of	1	2 Day:		1 Day:		Same Day:	
Billing: Enthalpy - SoCal	Matrix: A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other				Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other					
c/o Montrose Environmental Group										
1 Park Plaza, Suite 1000, Irvine, CA 92614										

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Rincon Consultants	Name:	Malibu - Annual
Report To:	Kiernan Brtalik	Number:	
Email:		P.O. #:	
Address:	180 N. Ashwood Ave.	Address:	
	Ventura, CA 93003		
Phone:	805-644-4455	Global ID:	
Cell:		Sampled By:	JM + JP Rincon Consult.

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Total /Fecal Coliforms - SM 9223 Quantitray	TKN; NH3; Organic Nitrogen (Calculation)	EPA 300.0 (NO2,NO3)	Total Phosphorus; Total Nitrogen (calculation)	Test Instructions / Comments
N-001	8/28/18	1100		3		X	X	X	X	
N-002	8/28/18	1105				X	X	X	X	
N-003	8/28/18	1110				X	X	X	X	
N-004	8/28/18	1030				X	X	X	X	~~trade~~ JP
L-001	8/28/18	1235				X	X	X	X	
L-002	8/28/18	1255				X	X	X	X	
L-003	8/28/18	1245				X	X	X	X	
L-004	8/28/18	1145				X	X	X	X	
L-005	8/28/18	1150				X	X	X	X	
L-006	8/28/18	1115				X	X	X	X	

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Jaime, Mullin	Rincon	8/28/18 1305
[1] Received By:			Enthalpy	8/28/18 1306
[2] Relinquished By:			Enthalpy	8/28/18 1447
[2] Received By:			CR	8/28/18 1447
[3] Relinquished By:				

2.1/9.7°C

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Rincon Consultants Ventura Project: Malibu Annual

Date Received: 8/28/18 Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 1 ☐ No (skip section 2) Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 9.7 #2: _____ #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: _____

Section 3

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 2.6 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?	✓		
Are custody seals present?		✓	
If custody seals are present, were they intact?			✓
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)	✓		
Did all samples arrive intact? If no, indicate in Section 4 below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were the samples collected in the correct containers for the required tests?	✓		
Are the containers labeled with the correct preservatives?	✓		
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✓
Was a sufficient amount of sample submitted for the requested tests?	✓		

Section 5 Explanations/Comments

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____

☐ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: 8/28/18

Enthalpy Analytical, LLC
931 W. Barkley Ave - Orange, CA 92868
Tel: (714)771-6900 Fax: (714)538-1209
www.enthalpy.com
info-sc@enthalpy.com

MONTROSE ENVIRONMENTAL

Client: Rincon Consultants - Ventura
Address: 180 North Ashwood Ave.
Ventura, CA 93003

Attn: Kiernan Brtalik

Lab Request: 408166
Report Date: 11/14/2018
Date Received: 11/06/2018
Client ID: 15888

Comments: Malibu GWM
15-01587

The Fecal Coliform results are unreportable due to issues with the test media.

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods. Methods accredited by NELAC are indicated on the report. This cover letter is an integral part of the final report.

Sample #	Client Sample ID
408166-001	LAMW-5S
408166-002	MCWP-MW09
408166-003	MCWP-MW04S
408166-004	SMBRP-9
408166-005	SMBRP-11
408166-006	SMBRP-12

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

Ranjit K. K. Clarke

Report Review performed by: Ranjit Clarke, Project Manager

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 60 days from date received.

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ACCREDITED IN ACCORDANCE WITH nelac

Matrix:	Water	**Client:**	Rincon Consultants - Ventura	**Collector:**	Client
Sampled:	11/06/2018 11:00	**Site:**			
Sample #:	**408166-001**	**Client Sample #:**	LAMW-5S	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024	Prep Method: None						QCBatchID:		
Total Organic Nitrogen	**0.1 J**	1	0.04	0.5	mg/L		11/13/18	SLL	J
Method: ALCH 4025	Prep Method: None						QCBatchID:		
Total Nitrogen	**11.5**	1	0.1	0.5	mg/L		11/13/18	SLL	
Method: EPA 1664A	Prep Method: Method						QCBatchID:		QC1197467
Total Oil and Grease	ND	1.05	1.47	5.25	mg/L	11/08/18	11/08/18	DXN	
Method: EPA 200.7	Prep Method: EPA 200.7						QCBatchID:		QC1197393
Boron	**0.285**	1	0.009	0.05	mg/L	11/07/18	11/07/18	SBW	
Method: EPA 300.0	Prep Method: Method						QCBatchID:		QC1197413
Chloride	**99.4**	1	0.086	1	mg/L	11/06/18	11/06/18 17:36	JP	
Nitrate + Nitrite, as Nitrogen	**11.4**	1	0.018	0.1	mg/L	11/06/18	11/06/18 17:36	JP	
Nitrate, as Nitrogen	**11.4**	1	0.012	0.1	mg/L	11/06/18	11/06/18 17:36	JP	
Nitrite, as Nitrogen	ND	1	0.018	0.1	mg/L	11/06/18	11/06/18 17:36	JP	
Sulfate	**70.4**	1	0.077	1	mg/L	11/06/18	11/06/18 17:36	JP	
Method: SM 2120-B	Prep Method: Method						QCBatchID:		QC1197421
Color	ND	1	5	5	Color Unit		11/06/18 18:00	WW	
Method: SM 2130-B	Prep Method: Method						QCBatchID:		QC1197423
Turbidity	**78**	1	0.1	0.1	NTU		11/06/18 18:00	WW	
Method: SM 2150-B	Prep Method: Method						QCBatchID:		QC1197422
Odor Threshold	ND	1	1	1	T.O.N		11/06/18 18:00	WW	
Method: SM 2540-C	Prep Method: Method						QCBatchID:		QC1197541
Total Dissolved Solids	**590**	2	20	20	mg/L	11/10/18	11/11/18	NP	
Method: SM 2540-D	Prep Method: SM 2540-D						QCBatchID:		QC1197546
Total Suspended Solids	**107**	2	1	1	mg/L	11/09/18	11/09/18	TP	
Method: SM 4500-Cl	Prep Method: Method						QCBatchID:		QC1197420
Chlorine, Total Residual	ND	1	0.016	0.1	mg/L		11/06/18 18:08	WW	T2
Method: SM 4500-H+B	Prep Method: Method						QCBatchID:		QC1197448
pH	**7.00**	1			pH Units	11/07/18 09:45	11/07/18 10:02	WW	T2
Method: SM 4500-NH3-G	Prep Method: Method						QCBatchID:		QC1197457
Ammonia, as Nitrogen	ND	1	0.01	0.1	mg/L	11/08/18	11/08/18	TP	
Method: SM 4500-NH3-G	Prep Method: SM4500-Norg/Auto						QCBatchID:		QC1197504
Total Kjeldahl Nitrogen	**0.124 J**	1	0.052	0.4	mg/L	11/08/18	11/08/18	TP	J
Method: SM 4500-P-B-5-E	Prep Method: 4500-P-B-5						QCBatchID:		QC1197587
Total Phosphorous as P	**1.775**	5	0.05	0.1	mg/L	11/13/18	11/13/18	TP	
Total Phosphorous as PO4	**5.44**	5	0.15	0.3	mg/L	11/13/18	11/13/18	TP	
Method: SM 5210-B	Prep Method: Method/5day						QCBatchID:		QC1197404
BOD	ND	1	1.5	3	mg/L	11/07/18	11/07/18 10:02	WW	
Method: SM 5310B	Prep Method: Method						QCBatchID:		QC1197550
Total Organic Carbon (TOC)	**3.21**	1	0.203	1	mg/L	11/09/18	11/09/18	TP	
Method: SM 5540-C	Prep Method: Method						QCBatchID:		QC1197558
MBAS	**0.26**	1	0.018	0.04	mg/L	11/08/18 08:30	11/08/18 20:03	TP	
Method: sm 9223-B-b	Prep Method: Method						QCBatchID:		QC1197400
Total Coliform	**>2400**	1			MPN/100ml	11/06/18 16:39	11/07/18	LH	

Matrix:	Water	**Client:**	Rincon Consultants - Ventura	**Collector:**	Client
Sampled:	11/06/2018 10:20	**Site:**			
Sample #:	**408166-002**	**Client Sample #:**	MCWP-MW09	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024	Prep Method: None						QCBatchID:		
Total Organic Nitrogen	**0.2 J**	1	0.04	0.5	mg/L		11/13/18	SLL	J
Method: ALCH 4025	Prep Method: None						QCBatchID:		
Total Nitrogen	**0.34 J**	1	0.1	0.5	mg/L		11/13/18	SLL	J
Method: EPA 1664A	Prep Method: Method						QCBatchID:		QC1197467
Total Oil and Grease	**2.7 J**	1.05	1.47	5.25	mg/L	11/08/18	11/08/18	DXN	J
Method: EPA 200.7	Prep Method: EPA 200.7						QCBatchID:		QC1197393
Boron	**0.689**	1	0.009	0.05	mg/L	11/07/18	11/07/18	SBW	
Method: EPA 300.0	Prep Method: Method						QCBatchID:		QC1197413
Chloride	**479**	10	0.86	10	mg/L	11/06/18	11/08/18 00:23	JP	
Nitrate + Nitrite, as Nitrogen	**0.09 J**	1	0.018	0.1	mg/L	11/06/18	11/06/18 17:58	JP	J
Nitrate, as Nitrogen	**0.09 J**	1	0.012	0.1	mg/L	11/06/18	11/06/18 17:58	JP	J
Nitrite, as Nitrogen	ND	1	0.018	0.1	mg/L	11/06/18	11/06/18 17:58	JP	
Sulfate	**475**	10	0.77	10	mg/L	11/06/18	11/08/18 00:23	JP	
Method: SM 2120-B	Prep Method: Method						QCBatchID:		QC1197421
Color	ND	1	5	5	Color Unit		11/06/18 18:00	WW	
Method: SM 2130-B	Prep Method: Method						QCBatchID:		QC1197423
Turbidity	**17**	1	0.1	0.1	NTU		11/06/18 18:00	WW	
Method: SM 2150-B	Prep Method: Method						QCBatchID:		QC1197422
Odor Threshold	ND	1	1	1	T.O.N		11/06/18 18:00	WW	
Method: SM 2540-C	Prep Method: Method						QCBatchID:		QC1197541
Total Dissolved Solids	**1740**	2	20	20	mg/L	11/10/18	11/11/18	NP	
Method: SM 2540-D	Prep Method: SM 2540-D						QCBatchID:		QC1197546
Total Suspended Solids	**31.3**	1.05	0.525	0.525	mg/L	11/09/18	11/09/18	TP	
Method: SM 4500-Cl	Prep Method: Method						QCBatchID:		QC1197420
Chlorine, Total Residual	**0.02 J**	1	0.016	0.1	mg/L		11/06/18 18:08	WW	J,T2
Method: SM 4500-H+B	Prep Method: Method						QCBatchID:		QC1197448
pH	**7.42**	1			pH Units	11/07/18 09:45	11/07/18 10:05	WW	T2
Method: SM 4500-NH3-G	Prep Method: Method						QCBatchID:		QC1197457
Ammonia, as Nitrogen	**0.072 J**	1	0.01	0.1	mg/L	11/08/18	11/08/18	TP	J
Method: SM 4500-NH3-G	Prep Method: SM4500-Norg/Auto						QCBatchID:		QC1197504
Total Kjeldahl Nitrogen	**0.255 J**	1	0.052	0.4	mg/L	11/08/18	11/08/18	TP	J
Method: SM 4500-P-B-5-E	Prep Method: 4500-P-B-5						QCBatchID:		QC1197587
Total Phosphorous as P	**0.302**	1	0.01	0.02	mg/L	11/13/18	11/13/18	TP	
Total Phosphorous as PO4	**0.926**	1	0.03	0.06	mg/L	11/13/18	11/13/18	TP	
Method: SM 5210-B	Prep Method: Method/5day						QCBatchID:		QC1197404
BOD	**13**	1	1.5	3	mg/L	11/07/18	11/07/18 10:05	WW	
Method: SM 5310B	Prep Method: Method						QCBatchID:		QC1197550
Total Organic Carbon (TOC)	**14.0**	1	0.203	1	mg/L	11/09/18	11/09/18	TP	
Method: SM 5540-C	Prep Method: Method						QCBatchID:		QC1197558
MBAS	**3.6**	5	0.09	0.2	mg/L	11/08/18 08:30	11/08/18 20:03	TP	
Method: sm 9223-B-b	Prep Method: Method						QCBatchID:		QC1197400
Total Coliform	**>2400**	1			MPN/100ml	11/06/18 16:39	11/07/18	LH	

Matrix:	Water	**Client:**	Rincon Consultants - Ventura	**Collector:**	Client
Sampled:	11/06/2018 11:30	**Site:**			
Sample #:	**408166-003**	**Client Sample #:**	MCWP-MW04S	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024	Prep Method: None						QCBatchID:		
Total Organic Nitrogen	**0.6**	1	0.04	0.5	mg/L		11/13/18	SLL	
Method: ALCH 4025	Prep Method: None						QCBatchID:		
Total Nitrogen	**0.80**	1	0.1	0.5	mg/L		11/13/18	SLL	
Method: EPA 1664A	Prep Method: Method						QCBatchID:		QC1197467
Total Oil and Grease	ND	1.05	1.47	5.25	mg/L	11/08/18	11/08/18	DXN	
Method: EPA 200.7	Prep Method: EPA 200.7						QCBatchID:		QC1197393
Boron	**1.88**	1	0.009	0.05	mg/L	11/07/18	11/07/18	SBW	
Method: EPA 300.0	Prep Method: Method						QCBatchID:		QC1197413
Chloride	**663**	50	4.3	50	mg/L	11/06/18	11/08/18 00:46	JP	
Nitrate + Nitrite, as Nitrogen	**0.21**	1	0.018	0.1	mg/L	11/06/18	11/06/18 18:21	JP	
Nitrate, as Nitrogen	**0.21**	1	0.012	0.1	mg/L	11/06/18	11/06/18 18:21	JP	
Nitrite, as Nitrogen	ND	1	0.018	0.1	mg/L	11/06/18	11/06/18 18:21	JP	
Sulfate	**3050**	50	3.85	50	mg/L	11/06/18	11/08/18 00:46	JP	
Method: SM 2120-B	Prep Method: Method						QCBatchID:		QC1197421
Color	ND	1	5	5	Color Unit		11/06/18 18:00	WW	
Method: SM 2130-B	Prep Method: Method						QCBatchID:		QC1197423
Turbidity	**13**	1	0.1	0.1	NTU		11/06/18 18:00	WW	
Method: SM 2150-B	Prep Method: Method						QCBatchID:		QC1197422
Odor Threshold	ND	1	1	1	T.O.N		11/06/18 18:00	WW	
Method: SM 2540-C	Prep Method: Method						QCBatchID:		QC1197586
Total Dissolved Solids	**5820**	2	20	20	mg/L	11/12/18	11/13/18	TP	
Method: SM 2540-D	Prep Method: SM 2540-D						QCBatchID:		QC1197546
Total Suspended Solids	**28.6**	2	1	1	mg/L	11/09/18	11/09/18	TP	
Method: SM 4500-Cl	Prep Method: Method						QCBatchID:		QC1197420
Chlorine, Total Residual	**0.30**	1	0.016	0.1	mg/L		11/06/18 18:08	WW	T2
Method: SM 4500-H+B	Prep Method: Method						QCBatchID:		QC1197448
pH	**7.54**	1			pH Units	11/07/18 09:45	11/07/18 10:07	WW	T2
Method: SM 4500-NH3-G	Prep Method: Method						QCBatchID:		QC1197457
Ammonia, as Nitrogen	**0.013 J**	1	0.01	0.1	mg/L	11/08/18	11/08/18	TP	J
Method: SM 4500-NH3-G	Prep Method: SM4500-Norg/Auto						QCBatchID:		QC1197504
Total Kjeldahl Nitrogen	**0.585**	1	0.052	0.4	mg/L	11/08/18	11/08/18	TP	
Method: SM 4500-P-B-5-E	Prep Method: 4500-P-B-5						QCBatchID:		QC1197587
Total Phosphorous as P	**0.149**	1	0.01	0.02	mg/L	11/13/18	11/13/18	TP	
Total Phosphorous as PO4	**0.457**	1	0.03	0.06	mg/L	11/13/18	11/13/18	TP	
Method: SM 5210-B	Prep Method: Method/5day						QCBatchID:		QC1197404
BOD	ND	1	1.5	3	mg/L	11/07/18	11/07/18 10:07	WW	BQ2
Method: SM 5310B	Prep Method: Method						QCBatchID:		QC1197550
Total Organic Carbon (TOC)	**22.2**	1	0.203	1	mg/L	11/09/18	11/09/18	TP	
Method: SM 5540-C	Prep Method: Method						QCBatchID:		QC1197558
MBAS	**0.11**	1	0.018	0.04	mg/L	11/08/18 08:30	11/08/18 20:03	TP	
Method: sm 9223-B-b	Prep Method: Method						QCBatchID:		QC1197400
Total Coliform	**1**	1			MPN/100ml	11/06/18 16:39	11/07/18	LH	

Matrix:	Water	**Client:**	Rincon Consultants - Ventura	**Collector:**	Client
Sampled:	11/06/2018 08:50	**Site:**			
Sample #:	**408166-004**	**Client Sample #:**	SMBRP-9	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024	Prep Method: None						QCBatchID:		
Total Organic Nitrogen	**0.4 J**	1	0.04	0.5	mg/L		11/13/18	SLL	J
Method: ALCH 4025	Prep Method: None						QCBatchID:		
Total Nitrogen	**10.1**	1	0.1	0.5	mg/L		11/13/18	SLL	
Method: EPA 1664A	Prep Method: Method						QCBatchID:		QC1197467
Total Oil and Grease	ND	1.05	1.47	5.25	mg/L	11/08/18	11/08/18	DXN	
Method: EPA 200.7	Prep Method: EPA 200.7						QCBatchID:		QC1197393
Boron	**0.577**	1	0.009	0.05	mg/L	11/07/18	11/07/18	SBW	
Method: EPA 300.0	Prep Method: Method						QCBatchID:		QC1197413
Chloride	**235**	10	0.86	10	mg/L	11/06/18	11/08/18 01:08	JP	
Nitrate + Nitrite, as Nitrogen	**9.69**	1	0.018	0.1	mg/L	11/06/18	11/06/18 18:43	JP	
Nitrate, as Nitrogen	**9.69**	1	0.012	0.1	mg/L	11/06/18	11/06/18 18:43	JP	
Nitrite, as Nitrogen	ND	1	0.018	0.1	mg/L	11/06/18	11/06/18 18:43	JP	
Sulfate	**434**	10	0.77	10	mg/L	11/06/18	11/08/18 01:08	JP	
Method: SM 2120-B	Prep Method: Method						QCBatchID:		QC1197421
Color	ND	1	5	5	Color Unit		11/06/18 18:00	WW	
Method: SM 2130-B	Prep Method: Method						QCBatchID:		QC1197423
Turbidity	**78**	1	0.1	0.1	NTU		11/06/18 18:00	WW	
Method: SM 2150-B	Prep Method: Method						QCBatchID:		QC1197422
Odor Threshold	ND	1	1	1	T.O.N		11/06/18 18:00	WW	
Method: SM 2540-C	Prep Method: Method						QCBatchID:		QC1197541
Total Dissolved Solids	**1840**	2	20	20	mg/L	11/10/18	11/11/18	NP	
Method: SM 2540-D	Prep Method: SM 2540-D						QCBatchID:		QC1197546
Total Suspended Solids	**143**	2	1	1	mg/L	11/09/18	11/09/18	TP	
Method: SM 4500-Cl	Prep Method: Method						QCBatchID:		QC1197420
Chlorine, Total Residual	ND	1	0.016	0.1	mg/L		11/06/18 18:08	WW	T2
Method: SM 4500-H+B	Prep Method: Method						QCBatchID:		QC1197448
pH	**7.18**	1			pH Units	11/07/18 09:45	11/07/18 10:09	WW	T2
Method: SM 4500-NH3-G	Prep Method: Method						QCBatchID:		QC1197457
Ammonia, as Nitrogen	ND	1	0.01	0.1	mg/L	11/08/18	11/08/18	TP	
Method: SM 4500-NH3-G	Prep Method: SM4500-Norg/Auto						QCBatchID:		QC1197504
Total Kjeldahl Nitrogen	**0.370 J**	1	0.052	0.4	mg/L	11/08/18	11/08/18	TP	J
Method: SM 4500-P-B-5-E	Prep Method: 4500-P-B-5						QCBatchID:		QC1197587
Total Phosphorous as P	**0.128**	1	0.01	0.02	mg/L	11/13/18	11/13/18	TP	
Total Phosphorous as PO4	**0.392**	1	0.03	0.06	mg/L	11/13/18	11/13/18	TP	
Method: SM 5210-B	Prep Method: Method/5day						QCBatchID:		QC1197404
BOD	**2 J**	1	1.5	3	mg/L	11/07/18	11/07/18 10:09	WW	J,BQ2
Method: SM 5310B	Prep Method: Method						QCBatchID:		QC1197550
Total Organic Carbon (TOC)	**9.85**	1	0.203	1	mg/L	11/09/18	11/09/18	TP	
Method: SM 5540-C	Prep Method: Method						QCBatchID:		QC1197558
MBAS	**0.47**	1	0.018	0.04	mg/L	11/08/18 08:30	11/08/18 20:03	TP	
Method: sm 9223-B-b	Prep Method: Method						QCBatchID:		QC1197400
Total Coliform	**11**	1			MPN/100ml	11/06/18 16:39	11/07/18	LH	

Matrix:	Water	**Client:**	Rincon Consultants - Ventura	**Collector:**	Client
Sampled:	11/06/2018 10:40	**Site:**			
Sample #:	**408166-005**	**Client Sample #:**	SMBRP-11	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024	Prep Method: None						QCBatchID:		
Total Organic Nitrogen	**0.8**	1	0.04	0.5	mg/L		11/13/18	SLL	
Method: ALCH 4025	Prep Method: None						QCBatchID:		
Total Nitrogen	**19.4**	1	0.1	0.5	mg/L		11/13/18	SLL	
Method: EPA 1664A	Prep Method: Method						QCBatchID:		QC1197467
Total Oil and Grease	ND	1.05	1.47	5.25	mg/L	11/08/18	11/08/18	DXN	
Method: EPA 200.7	Prep Method: EPA 200.7						QCBatchID:		QC1197393
Boron	**0.652**	1	0.009	0.05	mg/L	11/07/18	11/07/18	SBW	
Method: EPA 300.0	Prep Method: Method						QCBatchID:		QC1197413
Chloride	**323**	10	0.86	10	mg/L	11/06/18	11/08/18 01:53	JP	
Nitrate + Nitrite, as Nitrogen	**17.2**	1	0.018	0.1	mg/L	11/06/18	11/06/18 19:06	JP	
Nitrate, as Nitrogen	**16.5**	1	0.012	0.1	mg/L	11/06/18	11/06/18 19:06	JP	
Nitrite, as Nitrogen	**0.73**	1	0.018	0.1	mg/L	11/06/18	11/08/18 01:31	JP	
Sulfate	**378**	10	0.77	10	mg/L	11/06/18	11/08/18 01:53	JP	
Method: SM 2120-B	Prep Method: Method						QCBatchID:		QC1197421
Color	ND	1	5	5	Color Unit		11/06/18 18:00	WW	
Method: SM 2130-B	Prep Method: Method						QCBatchID:		QC1197423
Turbidity	**53**	1	0.1	0.1	NTU		11/06/18 18:00	WW	
Method: SM 2150-B	Prep Method: Method						QCBatchID:		QC1197422
Odor Threshold	ND	1	1	1	T.O.N		11/06/18 18:00	WW	
Method: SM 2540-C	Prep Method: Method						QCBatchID:		QC1197541
Total Dissolved Solids	**1570**	2	20	20	mg/L	11/10/18	11/11/18	NP	
Method: SM 2540-D	Prep Method: SM 2540-D						QCBatchID:		QC1197546
Total Suspended Solids	**266**	5	2.5	2.5	mg/L	11/09/18	11/09/18	TP	
Method: SM 4500-Cl	Prep Method: Method						QCBatchID:		QC1197420
Chlorine, Total Residual	**0.12**	1	0.016	0.1	mg/L		11/06/18 18:08	WW	T2
Method: SM 4500-H+B	Prep Method: Method						QCBatchID:		QC1197448
pH	**6.74**	1			pH Units	11/07/18 09:45	11/07/18 10:12	WW	T2
Method: SM 4500-NH3-G	Prep Method: Method						QCBatchID:		QC1197457
Ammonia, as Nitrogen	**1.38**	1	0.01	0.1	mg/L	11/08/18	11/08/18	TP	
Method: SM 4500-NH3-G	Prep Method: SM4500-Norg/Auto						QCBatchID:		QC1197504
Total Kjeldahl Nitrogen	**2.2**	1	0.052	0.4	mg/L	11/08/18	11/08/18	TP	
Method: SM 4500-P-B-5-E	Prep Method: 4500-P-B-5						QCBatchID:		QC1197587
Total Phosphorous as P	**0.085**	1	0.01	0.02	mg/L	11/13/18	11/13/18	TP	
Total Phosphorous as PO4	**0.261**	1	0.03	0.06	mg/L	11/13/18	11/13/18	TP	
Method: SM 5210-B	Prep Method: Method/5day						QCBatchID:		QC1197404
BOD	**6**	1	1.5	3	mg/L	11/07/18	11/07/18 10:12	WW	BQ2
Method: SM 5310B	Prep Method: Method						QCBatchID:		QC1197550
Total Organic Carbon (TOC)	**11.3**	1	0.203	1	mg/L	11/09/18	11/09/18	TP	
Method: SM 5540-C	Prep Method: Method						QCBatchID:		QC1197558
MBAS	**0.14**	1	0.018	0.04	mg/L	11/08/18 08:30	11/08/18 20:03	TP	
Method: sm 9223-B-b	Prep Method: Method						QCBatchID:		QC1197400
Total Coliform	**27**	1			MPN/100ml	11/06/18 16:39	11/07/18	LH	

Matrix:	Water	**Client:**	Rincon Consultants - Ventura	**Collector:**	Client
Sampled:	11/06/2018 10:30	**Site:**			
Sample #:	**408166-006**	**Client Sample #:**	SMBRP-12	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024 Prep Method: None							QCBatchID:		
Total Organic Nitrogen	ND	1	0.04	0.5	mg/L		11/13/18	SLL	
Method: ALCH 4025 Prep Method: None							QCBatchID:		
Total Nitrogen	**3.46**	1	0.1	0.5	mg/L		11/13/18	SLL	
Method: EPA 1664A Prep Method: Method							QCBatchID:		QC1197467
Total Oil and Grease	ND	1.05	1.47	5.25	mg/L	11/08/18	11/08/18	DXN	
Method: EPA 200.7 Prep Method: EPA 200.7							QCBatchID:		QC1197393
Boron	**0.823**	1	0.009	0.05	mg/L	11/07/18	11/07/18	SBW	
Method: EPA 300.0 Prep Method: Method							QCBatchID:		QC1197413
Chloride	**491**	10	0.86	10	mg/L	11/06/18	11/08/18 02:16	JP	
Nitrate + Nitrite, as Nitrogen	**0.06 J**	1	0.018	0.1	mg/L	11/06/18	11/06/18 19:28	JP	J
Nitrate, as Nitrogen	**0.06 J**	1	0.012	0.1	mg/L	11/06/18	11/06/18 19:28	JP	J
Nitrite, as Nitrogen	ND	1	0.018	0.1	mg/L	11/06/18	11/06/18 19:28	JP	
Sulfate	**482**	10	0.77	10	mg/L	11/06/18	11/08/18 02:16	JP	
Method: SM 2120-B Prep Method: Method							QCBatchID:		QC1197421
Color	ND	1	5	5	Color Unit		11/06/18 18:00	WW	
Method: SM 2130-B Prep Method: Method							QCBatchID:		QC1197423
Turbidity	**820**	1	0.1	0.1	NTU		11/06/18 18:00	WW	
Method: SM 2150-B Prep Method: Method							QCBatchID:		QC1197422
Odor Threshold	ND	1	1	1	T.O.N		11/06/18 18:00	WW	
Method: SM 2540-C Prep Method: Method							QCBatchID:		QC1197541
Total Dissolved Solids	**1820**	2	20	20	mg/L	11/10/18	11/11/18	NP	
Method: SM 2540-D Prep Method: SM 2540-D							QCBatchID:		QC1197546
Total Suspended Solids	**1010**	10	5	5	mg/L	11/09/18	11/09/18	TP	
Method: SM 4500-Cl Prep Method: Method							QCBatchID:		QC1197420
Chlorine, Total Residual	ND	1	0.016	0.1	mg/L		11/06/18 18:08	WW	T2
Method: SM 4500-H+B Prep Method: Method							QCBatchID:		QC1197448
pH	**7.13**	1			pH Units	11/07/18 09:45	11/07/18 10:16	WW	T2
Method: SM 4500-NH3-G Prep Method: Method							QCBatchID:		QC1197457
Ammonia, as Nitrogen	**4.44**	1	0.01	0.1	mg/L	11/08/18	11/08/18	TP	
Method: SM 4500-NH3-G Prep Method: SM4500-Norg/Auto							QCBatchID:		QC1197504
Total Kjeldahl Nitrogen	**3.4**	1	0.052	0.4	mg/L	11/08/18	11/08/18	TP	
Method: SM 4500-P-B-5-E Prep Method: 4500-P-B-5							QCBatchID:		QC1197587
Total Phosphorous as P	**0.972**	1	0.01	0.02	mg/L	11/13/18	11/13/18	TP	
Total Phosphorous as PO4	**2.98**	1	0.03	0.06	mg/L	11/13/18	11/13/18	TP	
Method: SM 5210-B Prep Method: Method/5day							QCBatchID:		QC1197404
BOD	**2 J**	1	1.5	3	mg/L	11/07/18	11/07/18 10:16	WW	J,BQ2
Method: SM 5310B Prep Method: Method							QCBatchID:		QC1197550
Total Organic Carbon (TOC)	**8.92**	1	0.203	1	mg/L	11/09/18	11/09/18	TP	
Method: SM 5540-C Prep Method: Method							QCBatchID:		QC1197558
MBAS	**0.082 J**	2.5	0.045	0.1	mg/L	11/08/18 08:30	11/08/18 20:03	TP	J
Method: sm 9223-B-b Prep Method: Method							QCBatchID:		QC1197400
Total Coliform	**>2400**	1			MPN/100ml	11/06/18 16:39	11/07/18	LH	

QCBatchID: QC1197393 **Analyst:** dswafford **Method:** EPA 200.7

Matrix: Water **Analyzed:** 11/07/2018 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1197393MB1					
Boron	ND	mg/L	0.03	0.05	
Cadmium	ND	mg/L	0.001	0.005	
Chromium	ND	mg/L	0.002	0.01	
Copper	**0.008 J**	mg/L	0.004	0.01	
Lead	ND	mg/L	0.005	0.01	
Nickel	ND	mg/L	0.003	0.01	
Silver	**0.007**	mg/L	0.003	0.005	B
Zinc	ND	mg/L	0.007	0.05	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1197393LCS1											
Boron	2		2.00		mg/L	100			85-115		
Cadmium	2		1.84		mg/L	92			85-115		
Chromium	2		1.82		mg/L	91			85-115		
Copper	2		1.85		mg/L	93			85-115		
Lead	2		1.89		mg/L	95			85-115		
Nickel	2		1.95		mg/L	98			85-115		
Silver	2		2.04		mg/L	102			85-115		
Zinc	2		1.97		mg/L	99			85-115		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1197393MS1												**Source: 408150-001**
Boron	0.180	1		1.17		mg/L	99			75-125		
Cadmium	ND	1		0.885		mg/L	89			75-125		
Chromium	ND	1		0.895		mg/L	90			75-125		
Copper	0.010	1		0.919		mg/L	91			75-125		
Lead	ND	1		0.914		mg/L	91			75-125		
Nickel	0.002	1		0.901		mg/L	90			75-125		
Silver	ND	1		1.01		mg/L	101			75-125		
Zinc	0.010	1		0.930		mg/L	92			75-125		
QC1197393MS2												**Source: 408166-001**
Boron	0.285	1		1.39		mg/L	111			75-125		
Cadmium	ND	1		0.932		mg/L	93			75-125		
Chromium	0.003	1		0.943		mg/L	94			75-125		
Copper	0.010	1		0.990		mg/L	98			75-125		
Lead	ND	1		0.922		mg/L	92			75-125		
Nickel	0.010	1		0.913		mg/L	90			75-125		
Silver	ND	1		1.08		mg/L	108			75-125		
Zinc	0.005	1		0.936		mg/L	93			75-125		

QCBatchID:	**QC1197404**	**Analyst:**	Echavez	**Method:**	SM 5210-B
Matrix:	Water	**Analyzed:**	11/07/2018	**Instrument:**	MICRO (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1197404MB1					
BOD	ND	mg/L	1.5	3	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1197404LCS1											
BOD	198		189		mg/L	95			84.6-115.4		

QCBatchID: QC1197413 **Analyst:** JParedes **Method:** EPA 300.0

Matrix: Water **Analyzed:** 11/06/2018 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1197413MB1					
Chloride	ND	mg/L	0.086	1	
Nitrate + Nitrite, as Nitrogen	ND	mg/L	0.018	0.1	
Nitrate, as Nitrogen	ND	mg/L	0.012	0.1	
Nitrite, as Nitrogen	ND	mg/L	0.018	0.1	
Sulfate	ND	mg/L	0.077	1	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries		RPD	Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD		%Rec	RPD	
QC1197413LCS1, QC1197413LCSD1											
Chloride	100	100	104	106	mg/L	104	106	2	90-110	20	
Nitrate, as Nitrogen	9.03	9.03	9.09	9.14	mg/L	101	101	1	90-110	20	
Nitrite, as Nitrogen	9.15	9.15	10.1	10.1	mg/L	110	110	0	90-110	20	
Sulfate	50	50	51.4	51.7	mg/L	103	103	1	90-110	20	

QCBatchID: QC1197420 **Analyst:** wei **Method:** SM 4500-Cl

Matrix: Water **Analyzed:** 11/06/2018 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1197420MB1					
Chlorine, Total Residual	ND	mg/L	0.016	0.1	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1197420LCS1											
Chlorine, Total Residual	1		0.93		mg/L	93			80-120		

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1197420DUP1						**Source: 408166-003**
Chlorine, Total Residual	0.30	0.28	mg/L	6.9	20	

QCBatchID:	**QC1197421**	**Analyst:**	wei	**Method:**	SM 2120-B
Matrix:	Water	**Analyzed:**	11/06/2018	**Instrument:**	CHEM (group)

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1197421DUP1						**Source: 408166-006**
Color	ND	ND	Color Unit	0.0	20	

QCBatchID:	**QC1197422**	**Analyst:**	wei	**Method:**	SM 2150-B
Matrix:	Water	**Analyzed:**	11/06/2018	**Instrument:**	CHEM (group)

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1197422DUP1						**Source: 408166-006**
Odor Threshold	ND	ND	T.O.N	0.0	20	

QCBatchID:	**QC1197423**	**Analyst:**	wei	**Method:**	SM 2130-B
Matrix:	Water	**Analyzed:**	11/06/2018	**Instrument:**	CHEM (group)

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1197423DUP1						**Source: 408170-001**
Turbidity	0.92	0.92	NTU	0.0	20	

QCBatchID:	**QC1197448**	**Analyst:**	npham	**Method:**	SM 4500-H+B
Matrix:	Water	**Analyzed:**	11/07/2018	**Instrument:**	CHEM (group)

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1197448DUP1						**Source: 408147-001**
pH	7.43	7.45	pH Units	0.3	20	

QCBatchID: QC1197457 **Analyst:** trinh **Method:** SM 4500-NH3-G

Matrix: Water **Analyzed:** 11/08/2018 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1197457MB1					
Ammonia, as Nitrogen	ND	mg/L	0.01	0.1	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1197457LCS1											
Ammonia, as Nitrogen	5		5.08		mg/L	102			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1197457MS1, QC1197457MSD1												**Source: 408166-001**
Ammonia, as Nitrogen	ND	5	5	6.40	6.38	mg/L	128	128	0.3	80-120	20	M

QCBatchID: QC1197467 **Analyst:** DNguyen **Method:** EPA 1664A

Matrix: Water **Analyzed:** 11/08/2018 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1197467MB1					
Non-Polar Oil and Grease	ND	mg/L	0.8	5	
Total Oil and Grease	ND	mg/L	1.4	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries		RPD	Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD		%Rec	RPD	
QC1197467LCS1, QC1197467LCSD1											
Non-Polar Oil and Grease	20	20	25.6	25.7	mg/L	128	129	0	64-132	34	
Total Oil and Grease	40	40	45.2	45.1	mg/L	113	113	0	78-114	18	

QCBatchID: QC1197504 **Analyst:** trinh **Method:** SM 4500-NH3-G

Matrix: Water **Analyzed:** 11/08/2018 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1197504MB1					
Total Kjeldahl Nitrogen	ND	mg/L	0.052	0.4	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1197504LCS1											
Total Kjeldahl Nitrogen	2.5		2.8		mg/L	112			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1197504MS1, QC1197504MSD1												**Source: 408225-001**
Total Kjeldahl Nitrogen	ND	12.5	12.5	14	15	mg/L	112	120	6.9	80-120	20	

QCBatchID: QC1197541 **Analyst:** trinh **Method:** SM 2540-C

Matrix: Water **Analyzed:** 11/11/2018 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1197541MB1					
Total Dissolved Solids	ND	mg/L	10	10	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1197541LCS1											
Total Dissolved Solids	3000		3100		mg/L	103			90-110		

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1197541DUP1						**Source: 408225-001**
Total Dissolved Solids	1650	1640	mg/L	0.6	5	

QCBatchID: QC1197546	**Analyst:** trinh	**Method:** SM 2540-D	
Matrix: Water	**Analyzed:** 11/09/2018	**Instrument:** CHEM (group)	

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1197546MB1					
Total Suspended Solids	ND	mg/L	0.5	0.5	

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1197546DUP1						**Source: 408163-001**
Total Suspended Solids	86.5	86.5	mg/L	0.0	5	

QCBatchID: QC1197550 **Analyst:** trinh **Method:** SM 5310B

Matrix: Water **Analyzed:** 11/09/2018 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1197550MB1					
Total Organic Carbon (TOC)	ND	mg/L	0.091	0.3	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1197550LCS1											
Total Organic Carbon (TOC)	10		10.1		mg/L	101			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1197550MS1, QC1197550MSD1												**Source: 408143-001**
Total Organic Carbon (TOC)	5.26	20	20	24.0	27.9	mg/L	94	113	15.0	80-120	20	

QCBatchID: QC1197558 **Analyst:** trinh **Method:** SM 5540-C

Matrix: Water **Analyzed:** 11/08/2018 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1197558MB1					
MBAS	ND	mg/L	0.007	0.04	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1197558LCS1											
MBAS	1		1.0		mg/L	100			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1197558MS1, QC1197558MSD1												**Source: 408257-002**
MBAS	0.020	1	1	1.0	1.0	mg/L	98	98	0.0	75-125	20	

QCBatchID: QC1197586 **Analyst:** trinh **Method:** SM 2540-C

Matrix: Water **Analyzed:** 11/13/2018 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1197586MB1					
Total Dissolved Solids	ND	mg/L	10	10	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1197586LCS1											
Total Dissolved Solids	95		100		mg/L	105			90-110		

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1197586DUP1						**Source: 408166-003**
Total Dissolved Solids	5820	5730	mg/L	1.6	5	

QCBatchID: QC1197587 **Analyst:** trinh **Method:** SM 4500-P-B-5-E

Matrix: Water **Analyzed:** 11/13/2018 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1197587MB1					
Total Phosphate as P	ND	mg/L	0.01	0.02	
Total Phosphate as PO4	ND	mg/L	0.03	0.06	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1197587LCS1											
Total Phosphate as P	0.4		0.378		mg/L	95			80-120		
Total Phosphate as PO4	1.23		1.160		mg/L	94			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1197587MS1, QC1197587MSD1												**Source: 408225-001**
Total Phosphate as P	0.056	0.8	0.8	0.858	0.860	mg/L	100	101	0.2	75-125	20	
Total Phosphate as PO4	0.172	2.46	2.46	2.63	2.64	mg/L	100	100	0.4	75-125	20	

Data Qualifiers and Definitions

Qualifiers

A	See Report Comments.
B	Analyte was present in an associated method blank.
B1	Analyte was present in a sample and associated method blank greater than MDL but less than RDL.
BQ1	No valid test replicates. Sample Toxicity is possible. Best result was reported.
BQ2	No valid test replicates.
BQ3	No valid test replicates. Final DO is less than 1.0 mg/L. Result may be greater.
BQ4	Minor Dissolved Oxygen loss was observed in the blank water check, however, the LCS was within criteria, validating the batch.
BQ5	Minor Dissolved Oxygen loss was observed in the blank water check.
C	Possible laboratory contamination.
D	RPD was not within control limits. The sample data was reported without further clarification.
D1	Lesser amount of sample was used due to insufficient amount of sample supplied.
D2	Reporting limit is elevated due to sample matrix. Target analyte was not detected above the elevated reporting limit.
D3	Insufficient sample was supplied for TCLP. Client was notified. TCLP was performed per the Client's instructions.
DW	Sample result is calculated on a dry weigh basis.
E	Concentration is estimated because it exceeds the quantification limits of the method.
I	The sample was read outside of the method required incubation period.
IR	Inconclusive Result. Legionella is present, however, there is possible non-specific agglutination preventing specific identification.
J	Reported value is estimated
L	The laboratory control sample (LCS) or laboratory control sample duplicate (LCSD) was out of control limits. Associated sample data was reported with qualifier.
L2	LCS did not meet recovery criteria, however, the MS and/or MSD met LCS recovery criteria, validating the batch.
M	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits due to matrix interference. The associated LCS and/or LCSD was within control limits and the sample data was reported without further clarification.
M1	The matrix spike (MS) or matrix spike duplicate (MSD) is not within control limits due to matrix interference.
M2	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits. The associated LCS and/or LCSD was not within control limits. Sample result is estimated.
N1	Sample chromatography does not match the specified TPH standard pattern.
NC	The analyte concentration in the sample exceeded the spike level by a factor of four or greater, spike recovery and limits do not apply.
P	Sample was received without proper preservation according to EPA guidelines.
P1	Temperature of sample storage refrigerator was out of acceptance limits.
P2	The sample was preserved within 24 hours of collection in accordance with EPA 218.6.
P3	Per Client request, sample was composited for volatile analysis. Sample compositing for volatile analysis is not recommended due to potential loss of target analytes. Results may be biased low.
Q1	Analyte Calibration Verification exceeds criteria. The result is estimated.
Q2	Analyte calibration was not verified and the result was estimated.
Q3	Analyte initial calibration was not available or exceeds criteria. The result was estimated.
S	The surrogate recovery was out of control limits due to matrix interference. The associated method blank surrogate recovery was within control limits and the sample data was reported without further clarification.
S1	The associated surrogate recovery was out of control limits; result is estimated.
S2	The surrogate was diluted out due to the presence of high concentrations of target and/or non-target compounds. Surrogate recoveries in the associated batch QC met recovery criteria.
S3	Internal Standard did not meet recovery limits. Analyte concentration is estimated.
T	Sample was extracted/analyzed past the holding time.
T1	Reanalysis was reported past hold time due to failing replicates in the original analysis (BOD only).
T2	Sample was analyzed ASAP but received and analyzed past the 15 minute holding time.
T3	Sample received and analyzed out of hold time per client's request.
T4	Sample was analyzed out of hold time per client's request.
T5	Reanalysis was reported past hold time. The original analysis was within hold time, but not reportable.
T6	Hold time is indeterminable due to unspecified sampling time.
T7	Sample was analyzed past hold time due to insufficient time remaining at time of receipt.

Definitions

DF	Dilution Factor
MDL	Method Detection Limit. Result is reported ND when it is less than or equal to MDL.
ND	Analyte was not detected or was less than the detection limit.
NR	Not Reported. See Report Comments.
RDL	Reporting Detection Limit
TIC	Tentatively Identified Compounds

ENTHALPY ANALYTICAL, INC.	Chain of Custody Record	Turn Around Time (Rush by advanced notice only)
806 N. Batavia St., Orange, CA 92868	Lab No: 408166	Standard: X / 4 Day: / 3 Day:
Phone: (714) 771-6900 Fax: (714)771-9933	Page: 1 of 1	2 Day: / 1 Day: / Same Day:
Billing: Enthalpy - SoCal c/o Montrose Environmental Group 1 Park Plaza, Suite 1000, Irvine, CA 92614	Matrix: A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other	Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Rincon Consultants	Name:	Malibu GWM
Report To:	Kiernan Brtalik	Number:	15-01587
Email:	KBrtalik@RinconConsultants.com	P.O. #:	
Address:	180 Ashwood Ave	Address:	
	Ventura CA		
Phone:	805-644-4455	Global ID:	
Fax:		Sampled By:	X Peter Doran

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Analysis Request: General Chemistry	Test Instructions / Comments
1	LAMW-55	11.6.18	1100	W	11/Various	Various	X	
2	MCWP-MW09	11.6.18	1020				X	
3	MCWP-MW04S	11.6.18	1130				X	
4	~~SMBRP-12~~ SMBRP-9	11.6.18	0850				X	
5	SMBRP-11	11.6.18	1040				X	
6	SMBRP-12	11.6.18	1030				X	
7								
8								
9								
10								

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Peter Doran	Rincon	11.6.18 / 1307
1 Received By:		Kevin Nguyen	Enthalpy	11/6/18 1307
2 Relinquished By:			Enthalpy	11/6/18 1555
2 Received By:		Leah Atherman	EA	11/06/18 1555
3 Relinquished By:				
3 Received By:				

7.6/1.7 13.2/1.4 8.6/1.8

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Rincon Project: Malibu GWM

Date Received: 11/6/18 Sampler's Name Present: [X] Yes [ ] No

Section 2

Sample(s) received in a cooler? [✓] Yes, How many? 3 [ ] No (skip section 2) Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 8.6 #2: 13.2 #3: 7.6 #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: _____

Section 3

Was the cooler packed with: [✓] Ice [ ] Ice Packs [ ] Bubble Wrap [ ] Styrofoam [ ] Paper [ ] None [ ] Other _____

Cooler Temp (°C): #1: 1.9 #2: 1.4 #3: -1.7 #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?	✓		
Are custody seals present?		✓	
If custody seals are present, were they intact?			✓
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)			✓
Did all samples arrive intact? If no, indicate in Section 4 below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were the samples collected in the correct containers for the required tests?	✓		
Are the containers labeled with the correct preservatives?	✓		
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✓
Was a sufficient amount of sample submitted for the requested tests?	✓		

Section 5 Explanations/Comments

Section 6

For discrepancies, how was the Project Manager notified? [ ] Verbal PM Initials: _____ Date/Time _____

[ ] Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: 11/06/18

Enthalpy Analytical, LLC
931 W. Barkley Ave - Orange, CA 92868
Tel: (714)771-6900 Fax: (714)538-1209
www.enthalpy.com
info-sc@enthalpy.com

MONTROSE ENVIRONMENTAL

Client: Rincon Consultants - Ventura
Address: 180 North Ashwood Ave.
Ventura, CA 93003

Attn: Kiernan Brtalik

Lab Request: 408169
Report Date: 11/14/2018
Date Received: 11/06/2018
Client ID: 15888

Comments: Malibu - Quarterly
Surface Water

The Fecal Coliform results are unreportable due to issues with the test media.

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods. Methods accredited by NELAC are indicated on the report. This cover letter is an integral part of the final report.

Sample #	Client Sample ID
408169-001	N-001
408169-002	N-002
408169-003	N-003
408169-004	N-004
408169-005	L-001
408169-006	L-002
408169-007	L-003
408169-008	L-004
408169-009	L-005
408169-010	L-006

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

Ranjit K. K. Clarke

Report Review performed by: Ranjit Clarke, Project Manager

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 60 days from date received.

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ACCREDITED IN ACCORDANCE WITH nelac

Matrix: Water **Client:** Rincon Consultants - Ventura **Collector:** Client
Sampled: 11/06/2018 12:00 **Site:**
Sample #: **408169-001** **Client Sample #:** N-001 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024 Prep Method: None							QCBatchID:		
Total Organic Nitrogen	ND	1	0.04	0.5	mg/L		11/13/18	SLL	
Method: ALCH 4025 Prep Method: None							QCBatchID:		
Total Nitrogen	**0.16 J**	1	0.1	0.5	mg/L		11/13/18	SLL	J
Method: EPA 300.0 Prep Method: Method							QCBatchID:		QC1197413
Nitrate + Nitrite, as Nitrogen	**0.16**	1	0.018	0.1	mg/L	11/06/18	11/06/18 19:51	JP	
Nitrate, as Nitrogen	**0.16**	1	0.012	0.1	mg/L	11/06/18	11/06/18 19:51	JP	
Nitrite, as Nitrogen	ND	50	0.9	5	mg/L	11/06/18	11/07/18 19:53	JP	D2
Method: SM 4500-NH3-G Prep Method: Method							QCBatchID:		QC1197457
Ammonia, as Nitrogen	ND	1	0.01	0.1	mg/L	11/08/18	11/08/18	TP	
Method: SM 4500-NH3-G Prep Method: SM4500-Norg/Auto							QCBatchID:		QC1197470
Total Kjeldahl Nitrogen	ND	1	0.052	0.4	mg/L	11/08/18	11/08/18	TP	
Method: SM 4500-P-B-5-E Prep Method: 4500-P-B-5							QCBatchID:		QC1197587
Total Phosphorous as P	**0.041**	1	0.01	0.02	mg/L	11/13/18	11/13/18	TP	
Total Phosphorous as PO4	**0.126**	1	0.03	0.06	mg/L	11/13/18	11/13/18	TP	
Method: sm 9223-B-b Prep Method: Method							QCBatchID:		QC1197400
Total Coliform	**<1**	1			MPN/100ml	11/06/18 16:39	11/07/18	LH	

Matrix: Water **Client:** Rincon Consultants - Ventura **Collector:** Client
Sampled: 11/06/2018 12:10 **Site:**
Sample #: **408169-002** **Client Sample #:** N-002 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024 Prep Method: None							QCBatchID:		
Total Organic Nitrogen	ND	1	0.04	0.5	mg/L		11/13/18	SLL	
Method: ALCH 4025 Prep Method: None							QCBatchID:		
Total Nitrogen	**0.14 J**	1	0.1	0.5	mg/L		11/13/18	SLL	J
Method: EPA 300.0 Prep Method: Method							QCBatchID:		QC1197413
Nitrate + Nitrite, as Nitrogen	**0.14**	1	0.018	0.1	mg/L	11/06/18	11/06/18 20:13	JP	
Nitrate, as Nitrogen	**0.14**	1	0.012	0.1	mg/L	11/06/18	11/06/18 20:13	JP	
Nitrite, as Nitrogen	ND	50	0.9	5	mg/L	11/06/18	11/07/18 20:15	JP	D2
Method: SM 4500-NH3-G Prep Method: Method							QCBatchID:		QC1197457
Ammonia, as Nitrogen	**5.47**	1	0.01	0.1	mg/L	11/08/18	11/08/18	TP	
Method: SM 4500-NH3-G Prep Method: SM4500-Norg/Auto							QCBatchID:		QC1197470
Total Kjeldahl Nitrogen	ND	1	0.052	0.4	mg/L	11/08/18	11/08/18	TP	
Method: SM 4500-P-B-5-E Prep Method: 4500-P-B-5							QCBatchID:		QC1197587
Total Phosphorous as P	**0.031**	1	0.01	0.02	mg/L	11/13/18	11/13/18	TP	
Total Phosphorous as PO4	**0.095**	1	0.03	0.06	mg/L	11/13/18	11/13/18	TP	
Method: sm 9223-B-b Prep Method: Method							QCBatchID:		QC1197400
Total Coliform	**<1**	1			MPN/100ml	11/06/18 16:39	11/07/18	LH	

Matrix: Water **Client:** Rincon Consultants - Ventura **Collector:** Client
Sampled: 11/06/2018 12:15 **Site:**
Sample #: 408169-003 **Client Sample #:** N-003 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024 Prep Method: None							QCBatchID:		
Total Organic Nitrogen	ND	1	0.04	0.5	mg/L		11/13/18	SLL	
Method: ALCH 4025 Prep Method: None							QCBatchID:		
Total Nitrogen	**0.23 J**	1	0.1	0.5	mg/L		11/13/18	SLL	J
Method: EPA 300.0 Prep Method: Method							QCBatchID:		QC1197413
Nitrate + Nitrite, as Nitrogen	**0.13**	1	0.018	0.1	mg/L	11/06/18	11/06/18 20:35	JP	
Nitrate, as Nitrogen	**0.13**	1	0.012	0.1	mg/L	11/06/18	11/06/18 20:35	JP	
Nitrite, as Nitrogen	ND	50	0.9	5	mg/L	11/06/18	11/07/18 20:38	JP	D2
Method: SM 4500-NH3-G Prep Method: Method							QCBatchID:		QC1197457
Ammonia, as Nitrogen	**0.466**	1	0.01	0.1	mg/L	11/08/18	11/08/18	TP	
Method: SM 4500-NH3-G Prep Method: SM4500-Norg/Auto							QCBatchID:		QC1197470
Total Kjeldahl Nitrogen	**0.100 J**	1	0.052	0.4	mg/L	11/08/18	11/08/18	TP	J
Method: SM 4500-P-B-5-E Prep Method: 4500-P-B-5							QCBatchID:		QC1197587
Total Phosphorous as P	**0.279**	1	0.01	0.02	mg/L	11/13/18	11/13/18	TP	
Total Phosphorous as PO4	**0.855**	1	0.03	0.06	mg/L	11/13/18	11/13/18	TP	
Method: sm 9223-B-b Prep Method: Method							QCBatchID:		QC1197400
Total Coliform	**<1**	1			MPN/100ml	11/06/18 16:39	11/07/18	LH	

Matrix: Water **Client:** Rincon Consultants - Ventura **Collector:** Client
Sampled: 11/06/2018 12:50 **Site:**
Sample #: 408169-004 **Client Sample #:** N-004 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024 Prep Method: None							QCBatchID:		
Total Organic Nitrogen	**1.40**	1	0.04	0.5	mg/L		11/13/18	SLL	
Method: ALCH 4025 Prep Method: None							QCBatchID:		
Total Nitrogen	**1.40**	1	0.1	0.5	mg/L		11/13/18	SLL	
Method: EPA 300.0 Prep Method: Method							QCBatchID:		QC1197430
Nitrate + Nitrite, as Nitrogen	ND	5	0.09	0.5	mg/L	11/07/18	11/07/18 21:00	JP	D2
Nitrate, as Nitrogen	ND	5	0.06	0.5	mg/L	11/07/18	11/07/18 21:00	JP	D2
Nitrite, as Nitrogen	ND	5	0.09	0.5	mg/L	11/07/18	11/07/18 21:00	JP	D2
Method: SM 4500-NH3-G Prep Method: Method							QCBatchID:		QC1197457
Ammonia, as Nitrogen	ND	1	0.01	0.1	mg/L	11/08/18	11/08/18	TP	
Method: SM 4500-NH3-G Prep Method: SM4500-Norg/Auto							QCBatchID:		QC1197470
Total Kjeldahl Nitrogen	**1.4**	1	0.052	0.4	mg/L	11/08/18	11/08/18	TP	
Method: SM 4500-P-B-5-E Prep Method: 4500-P-B-5							QCBatchID:		QC1197587
Total Phosphorous as P	**0.175**	1	0.01	0.02	mg/L	11/13/18	11/13/18	TP	
Total Phosphorous as PO4	**0.537**	1	0.03	0.06	mg/L	11/13/18	11/13/18	TP	
Method: sm 9223-B-b Prep Method: Method							QCBatchID:		QC1197400
Total Coliform	**<1**	1			MPN/100ml	11/06/18 16:39	11/07/18	LH	

Matrix: Water **Client:** Rincon Consultants - Ventura **Collector:** Client
Sampled: 11/06/2018 10:05 **Site:**
Sample #: **408169-005** **Client Sample #:** L-001 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024 Prep Method: None							QCBatchID:		
Total Organic Nitrogen	**1.40**	1	0.04	0.5	mg/L		11/13/18	SLL	
Method: ALCH 4025 Prep Method: None							QCBatchID:		
Total Nitrogen	**1.40**	1	0.1	0.5	mg/L		11/13/18	SLL	
Method: EPA 300.0 Prep Method: Method							QCBatchID:		QC1197430
Nitrate + Nitrite, as Nitrogen	ND	5	0.09	0.5	mg/L	11/07/18	11/07/18 21:23	JP	D2
Nitrate, as Nitrogen	ND	5	0.06	0.5	mg/L	11/07/18	11/07/18 21:23	JP	D2
Nitrite, as Nitrogen	ND	5	0.09	0.5	mg/L	11/07/18	11/07/18 21:23	JP	D2
Method: SM 4500-NH3-G Prep Method: Method							QCBatchID:		QC1197457
Ammonia, as Nitrogen	ND	1	0.01	0.1	mg/L	11/08/18	11/08/18	TP	
Method: SM 4500-NH3-G Prep Method: SM4500-Norg/Auto							QCBatchID:		QC1197470
Total Kjeldahl Nitrogen	**1.4**	1	0.052	0.4	mg/L	11/08/18	11/08/18	TP	
Method: SM 4500-P-B-5-E Prep Method: 4500-P-B-5							QCBatchID:		QC1197587
Total Phosphorous as P	**0.257**	1	0.01	0.02	mg/L	11/13/18	11/13/18	TP	
Total Phosphorous as PO4	**0.788**	1	0.03	0.06	mg/L	11/13/18	11/13/18	TP	
Method: sm 9223-B-b Prep Method: Method							QCBatchID:		QC1197400
Total Coliform	**>2400**	1			MPN/100ml	11/06/18 16:39	11/07/18	LH	

Matrix: Water **Client:** Rincon Consultants - Ventura **Collector:** Client
Sampled: 11/06/2018 09:45 **Site:**
Sample #: **408169-006** **Client Sample #:** L-002 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024 Prep Method: None							QCBatchID:		
Total Organic Nitrogen	**1.30**	1	0.04	0.5	mg/L		11/13/18	SLL	
Method: ALCH 4025 Prep Method: None							QCBatchID:		
Total Nitrogen	**1.30**	1	0.1	0.5	mg/L		11/13/18	SLL	
Method: EPA 300.0 Prep Method: Method							QCBatchID:		QC1197430
Nitrate + Nitrite, as Nitrogen	ND	5	0.09	0.5	mg/L	11/07/18	11/07/18 21:45	JP	D2
Nitrate, as Nitrogen	ND	5	0.06	0.5	mg/L	11/07/18	11/07/18 21:45	JP	D2
Nitrite, as Nitrogen	ND	5	0.09	0.5	mg/L	11/07/18	11/07/18 21:45	JP	D2
Method: SM 4500-NH3-G Prep Method: Method							QCBatchID:		QC1197457
Ammonia, as Nitrogen	ND	1	0.01	0.1	mg/L	11/08/18	11/08/18	TP	
Method: SM 4500-NH3-G Prep Method: SM4500-Norg/Auto							QCBatchID:		QC1197470
Total Kjeldahl Nitrogen	**1.3**	1	0.052	0.4	mg/L	11/08/18	11/08/18	TP	
Method: SM 4500-P-B-5-E Prep Method: 4500-P-B-5							QCBatchID:		QC1197587
Total Phosphorous as P	**0.308**	1	0.01	0.02	mg/L	11/13/18	11/13/18	TP	
Total Phosphorous as PO4	**0.944**	1	0.03	0.06	mg/L	11/13/18	11/13/18	TP	
Method: sm 9223-B-b Prep Method: Method							QCBatchID:		QC1197400
Total Coliform	**2000**	1			MPN/100ml	11/06/18 16:39	11/07/18	LH	

Matrix: Water **Client:** Rincon Consultants - Ventura **Collector:** Client
Sampled: 11/06/2018 11:00 **Site:**
Sample #: **408169-007** **Client Sample #:** L-003 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024 Prep Method: None							QCBatchID:		
Total Organic Nitrogen	**1.20**	1	0.04	0.5	mg/L		11/13/18	SLL	
Method: ALCH 4025 Prep Method: None							QCBatchID:		
Total Nitrogen	**1.20**	1	0.1	0.5	mg/L		11/13/18	SLL	
Method: EPA 300.0 Prep Method: Method							QCBatchID:		QC1197430
Nitrate + Nitrite, as Nitrogen	ND	5	0.09	0.5	mg/L	11/07/18	11/07/18 22:53	JP	D2
Nitrate, as Nitrogen	ND	5	0.06	0.5	mg/L	11/07/18	11/07/18 22:53	JP	D2
Nitrite, as Nitrogen	ND	5	0.09	0.5	mg/L	11/07/18	11/07/18 22:53	JP	D2
Method: SM 4500-NH3-G Prep Method: Method							QCBatchID:		QC1197457
Ammonia, as Nitrogen	ND	1	0.01	0.1	mg/L	11/08/18	11/08/18	TP	
Method: SM 4500-NH3-G Prep Method: SM4500-Norg/Auto							QCBatchID:		QC1197470
Total Kjeldahl Nitrogen	**1.2**	1	0.052	0.4	mg/L	11/08/18	11/08/18	TP	
Method: SM 4500-P-B-5-E Prep Method: 4500-P-B-5							QCBatchID:		QC1197587
Total Phosphorous as P	**0.161**	1	0.01	0.02	mg/L	11/13/18	11/13/18	TP	
Total Phosphorous as PO4	**0.494**	1	0.03	0.06	mg/L	11/13/18	11/13/18	TP	
Method: sm 9223-B-b Prep Method: Method							QCBatchID:		QC1197400
Total Coliform	**1700**	1			MPN/100ml	11/06/18 16:39	11/07/18	LH	

Matrix: Water **Client:** Rincon Consultants - Ventura **Collector:** Client
Sampled: 11/06/2018 10:40 **Site:**
Sample #: **408169-008** **Client Sample #:** L-004 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024 Prep Method: None							QCBatchID:		
Total Organic Nitrogen	ND	1	0.04	0.5	mg/L		11/13/18	SLL	
Method: ALCH 4025 Prep Method: None							QCBatchID:		
Total Nitrogen	ND	1	0.1	0.5	mg/L		11/13/18	SLL	
Method: EPA 300.0 Prep Method: Method							QCBatchID:		QC1197430
Nitrate + Nitrite, as Nitrogen	ND	50	0.9	5	mg/L	11/07/18	11/07/18 23:15	JP	D2
Nitrate, as Nitrogen	ND	50	0.6	5	mg/L	11/07/18	11/07/18 23:15	JP	D2
Nitrite, as Nitrogen	ND	50	0.9	5	mg/L	11/07/18	11/07/18 23:15	JP	D2
Method: SM 4500-NH3-G Prep Method: Method							QCBatchID:		QC1197457
Ammonia, as Nitrogen	ND	1	0.01	0.1	mg/L	11/08/18	11/08/18	TP	
Method: SM 4500-NH3-G Prep Method: SM4500-Norg/Auto							QCBatchID:		QC1197470
Total Kjeldahl Nitrogen	ND	1	0.052	0.4	mg/L	11/08/18	11/08/18	TP	
Method: SM 4500-P-B-5-E Prep Method: 4500-P-B-5							QCBatchID:		QC1197587
Total Phosphorous as P	**0.085**	1	0.01	0.02	mg/L	11/13/18	11/13/18	TP	
Total Phosphorous as PO4	**0.261**	1	0.03	0.06	mg/L	11/13/18	11/13/18	TP	
Method: sm 9223-B-b Prep Method: Method							QCBatchID:		QC1197400
Total Coliform	**2000**	1			MPN/100ml	11/06/18 16:39	11/07/18	LH	

Matrix: Water **Client:** Rincon Consultants - Ventura **Collector:** Client
Sampled: 11/06/2018 11:15 **Site:**
Sample #: **408169-009** **Client Sample #:** L-005 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024 Prep Method: None							QCBatchID:		
Total Organic Nitrogen	**1.40**	1	0.04	0.5	mg/L		11/13/18	SLL	
Method: ALCH 4025 Prep Method: None							QCBatchID:		
Total Nitrogen	**1.40**	1	0.1	0.5	mg/L		11/13/18	SLL	
Method: EPA 300.0 Prep Method: Method							QCBatchID:		QC1197430
Nitrate + Nitrite, as Nitrogen	ND	50	0.9	5	mg/L	11/07/18	11/07/18 23:38	JP	D2
Nitrate, as Nitrogen	ND	50	0.6	5	mg/L	11/07/18	11/07/18 23:38	JP	D2
Nitrite, as Nitrogen	ND	50	0.9	5	mg/L	11/07/18	11/07/18 23:38	JP	D2
Method: SM 4500-NH3-G Prep Method: Method							QCBatchID:		QC1197457
Ammonia, as Nitrogen	ND	1	0.01	0.1	mg/L	11/08/18	11/08/18	TP	
Method: SM 4500-NH3-G Prep Method: SM4500-Norg/Auto							QCBatchID:		QC1197470
Total Kjeldahl Nitrogen	**1.4**	1	0.052	0.4	mg/L	11/08/18	11/08/18	TP	
Method: SM 4500-P-B-5-E Prep Method: 4500-P-B-5							QCBatchID:		QC1197587
Total Phosphorous as P	**0.211**	1	0.01	0.02	mg/L	11/13/18	11/13/18	TP	
Total Phosphorous as PO4	**0.647**	1	0.03	0.06	mg/L	11/13/18	11/13/18	TP	
Method: sm 9223-B-b Prep Method: Method							QCBatchID:		QC1197400
Total Coliform	**700**	1			MPN/100ml	11/06/18 16:39	11/07/18	LH	

Matrix: Water **Client:** Rincon Consultants - Ventura **Collector:** Client
Sampled: 11/06/2018 11:40 **Site:**
Sample #: **408169-010** **Client Sample #:** L-006 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024 Prep Method: None							QCBatchID:		
Total Organic Nitrogen	**1.40**	1	0.04	0.5	mg/L		11/13/18	SLL	
Method: ALCH 4025 Prep Method: None							QCBatchID:		
Total Nitrogen	**1.40**	1	0.1	0.5	mg/L		11/13/18	SLL	
Method: EPA 300.0 Prep Method: Method							QCBatchID:		QC1197430
Nitrate + Nitrite, as Nitrogen	ND	50	0.9	5	mg/L	11/07/18	11/08/18 00:00	JP	D2
Nitrate, as Nitrogen	ND	50	0.6	5	mg/L	11/07/18	11/08/18 00:00	JP	D2
Nitrite, as Nitrogen	ND	50	0.9	5	mg/L	11/07/18	11/08/18 00:00	JP	D2
Method: SM 4500-NH3-G Prep Method: Method							QCBatchID:		QC1197457
Ammonia, as Nitrogen	ND	1	0.01	0.1	mg/L	11/08/18	11/08/18	TP	
Method: SM 4500-NH3-G Prep Method: SM4500-Norg/Auto							QCBatchID:		QC1197470
Total Kjeldahl Nitrogen	**1.4**	1	0.052	0.4	mg/L	11/08/18	11/08/18	TP	
Method: SM 4500-P-B-5-E Prep Method: 4500-P-B-5							QCBatchID:		QC1197587
Total Phosphorous as P	**0.179**	1	0.01	0.02	mg/L	11/13/18	11/13/18	TP	
Total Phosphorous as PO4	**0.549**	1	0.03	0.06	mg/L	11/13/18	11/13/18	TP	
Method: sm 9223-B-b Prep Method: Method							QCBatchID:		QC1197400
Total Coliform	**400**	1			MPN/100ml	11/06/18 16:39	11/07/18	LH	

QCBatchID: QC1197413 **Analyst:** JParedes **Method:** EPA 300.0

Matrix: Water **Analyzed:** 11/06/2018 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1197413MB1					
Chloride	ND	mg/L	0.086	1	
Nitrate + Nitrite, as Nitrogen	ND	mg/L	0.018	0.1	
Nitrate, as Nitrogen	ND	mg/L	0.012	0.1	
Nitrite, as Nitrogen	ND	mg/L	0.018	0.1	
Sulfate	ND	mg/L	0.077	1	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries		RPD	Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD		%Rec	RPD	
QC1197413LCS1, QC1197413LCSD1											
Chloride	100	100	104	106	mg/L	104	106	2	90-110	20	
Nitrate, as Nitrogen	9.03	9.03	9.09	9.14	mg/L	101	101	1	90-110	20	
Nitrite, as Nitrogen	9.15	9.15	10.1	10.1	mg/L	110	110	0	90-110	20	
Sulfate	50	50	51.4	51.7	mg/L	103	103	1	90-110	20	

QCBatchID: QC1197430 **Analyst:** JParedes **Method:** EPA 300.0

Matrix: Water **Analyzed:** 11/07/2018 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1197430MB1					
Bromide	ND	mg/L	0.034	0.3	
Chloride	**1.10**	mg/L	0.086	1	B
Nitrate + Nitrite, as Nitrogen	ND	mg/L	0.018	0.44	
Nitrate, as Nitrogen	ND	mg/L	0.012	0.1	
Nitrate, as NO3	ND	mg/L	0.053	0.44	
Nitrite, as Nitrogen	ND	mg/L	0.018	0.1	
Nitrite, as NO2	ND	mg/L	0.06	0.33	
Sulfate	ND	mg/L	0.077	0.5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1197430LCS1											
Bromide	15		16.0		mg/L	107			90-110		
Chloride	100		104		mg/L	104			90-110		
Nitrate, as Nitrogen	9.03		8.26		mg/L	91			90-110		
Nitrate, as NO3	40		36.6		mg/L	92			90-110		
Nitrite, as Nitrogen	9.15		9.93		mg/L	109			90-110		
Nitrite, as NO2	30		32.6		mg/L	109			90-110		
Sulfate	50		52.7		mg/L	105			90-110		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1197430MS1, QC1197430MSD1												**Source: 408136-001**
Bromide	0.364	15	15	16.4	16.7	mg/L	107	109	1.8	80-120	20	
Chloride	74.8	100	100	175	175	mg/L	100	100	0.0	80-120	20	
Nitrate, as Nitrogen	ND	9.03	9.03	9.09	9.57	mg/L	101	106	5.1	80-120	20	
Nitrate, as NO3	ND	40	40	40.3	42.4	mg/L	101	106	5.1	80-120	20	
Nitrite, as Nitrogen	ND	9.15	9.15	9.79	9.85	mg/L	107	108	0.6	80-120	20	
Nitrite, as NO2	ND	30	30	32.1	32.3	mg/L	107	108	0.6	80-120	20	
Sulfate	13.6	50	50	65.9	66.8	mg/L	105	106	1.4	80-120	20	
QC1197430MS2, QC1197430MSD2												**Source: 408147-001**
Bromide	0.2	15	15	15.9	16.1	mg/L	105	106	1.3	80-120	20	
Chloride	133	100	100	224	225	mg/L	91	92	0.4	80-120	20	
Nitrate, as Nitrogen	2.25	9.03	9.03	11.0	10.8	mg/L	97	95	1.8	80-120	20	
Nitrate, as NO3	9.96	40	40	48.8	48.0	mg/L	97	95	1.7	80-120	20	
Nitrite, as Nitrogen	0.17	9.15	9.15	10.4	10.6	mg/L	112	114	1.9	80-120	20	
Nitrite, as NO2	0.55	30	30	34.3	34.6	mg/L	113	114	0.9	80-120	20	
Sulfate	70.8	50	50	117	119	mg/L	92	96	1.7	80-120	20	

QCBatchID: QC1197457 **Analyst:** trinh **Method:** SM 4500-NH3-G

Matrix: Water **Analyzed:** 11/08/2018 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1197457MB1					
Ammonia, as Nitrogen	ND	mg/L	0.01	0.1	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1197457LCS1											
Ammonia, as Nitrogen	5		5.08		mg/L	102			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1197457MS1, QC1197457MSD1												**Source: 408166-001**
Ammonia, as Nitrogen	ND	5	5	6.40	6.38	mg/L	128	128	0.3	80-120	20	M

QCBatchID: QC1197470 **Analyst:** DNguyen **Method:** SM 4500-NH3-G

Matrix: Water **Analyzed:** 11/08/2018 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1197470MB1					
Total Kjeldahl Nitrogen	ND	mg/L	0.052	0.4	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1197470LCS1											
Total Kjeldahl Nitrogen	2.5		2.8		mg/L	112			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1197470MS1, QC1197470MSD1												**Source: 408169-010**
Total Kjeldahl Nitrogen	1.4	12.5	12.5	16	15	mg/L	117	109	6.5	80-120	20	

QCBatchID: QC1197587 **Analyst:** trinh **Method:** SM 4500-P-B-5-E

Matrix: Water **Analyzed:** 11/13/2018 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1197587MB1					
Total Phosphate as P	ND	mg/L	0.01	0.02	
Total Phosphate as PO4	ND	mg/L	0.03	0.06	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries		RPD	Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD		%Rec	RPD	
QC1197587LCS1											
Total Phosphate as P	0.4		0.378		mg/L	95			80-120		
Total Phosphate as PO4	1.23		1.160		mg/L	94			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries		RPD	Limits		Notes
		MS	MSD	MS	MSD		MS	MSD		%Rec	RPD	
QC1197587MS1, QC1197587MSD1												**Source: 408225-001**
Total Phosphate as P	0.056	0.8	0.8	0.858	0.860	mg/L	100	101	0.2	75-125	20	
Total Phosphate as PO4	0.172	2.46	2.46	2.63	2.64	mg/L	100	100	0.4	75-125	20	

Data Qualifiers and Definitions

Qualifiers

A	See Report Comments.
B	Analyte was present in an associated method blank.
B1	Analyte was present in a sample and associated method blank greater than MDL but less than RDL.
BQ1	No valid test replicates. Sample Toxicity is possible. Best result was reported.
BQ2	No valid test replicates.
BQ3	No valid test replicates. Final DO is less than 1.0 mg/L. Result may be greater.
BQ4	Minor Dissolved Oxygen loss was observed in the blank water check, however, the LCS was within criteria, validating the batch.
BQ5	Minor Dissolved Oxygen loss was observed in the blank water check.
C	Possible laboratory contamination.
D	RPD was not within control limits. The sample data was reported without further clarification.
D1	Lesser amount of sample was used due to insufficient amount of sample supplied.
D2	Reporting limit is elevated due to sample matrix. Target analyte was not detected above the elevated reporting limit.
D3	Insufficient sample was supplied for TCLP. Client was notified. TCLP was performed per the Client's instructions.
DW	Sample result is calculated on a dry weigh basis.
E	Concentration is estimated because it exceeds the quantification limits of the method.
I	The sample was read outside of the method required incubation period.
IR	Inconclusive Result. Legionella is present, however, there is possible non-specific agglutination preventing specific identification.
J	Reported value is estimated
L	The laboratory control sample (LCS) or laboratory control sample duplicate (LCSD) was out of control limits. Associated sample data was reported with qualifier.
L2	LCS did not meet recovery criteria, however, the MS and/or MSD met LCS recovery criteria, validating the batch.
M	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits due to matrix interference. The associated LCS and/or LCSD was within control limits and the sample data was reported without further clarification.
M1	The matrix spike (MS) or matrix spike duplicate (MSD) is not within control limits due to matrix interference.
M2	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits. The associated LCS and/or LCSD was not within control limits. Sample result is estimated.
N1	Sample chromatography does not match the specified TPH standard pattern.
NC	The analyte concentration in the sample exceeded the spike level by a factor of four or greater, spike recovery and limits do not apply.
P	Sample was received without proper preservation according to EPA guidelines.
P1	Temperature of sample storage refrigerator was out of acceptance limits.
P2	The sample was preserved within 24 hours of collection in accordance with EPA 218.6.
P3	Per Client request, sample was composited for volatile analysis. Sample compositing for volatile analysis is not recommended due to potential loss of target analytes. Results may be biased low.
Q1	Analyte Calibration Verification exceeds criteria. The result is estimated.
Q2	Analyte calibration was not verified and the result was estimated.
Q3	Analyte initial calibration was not available or exceeds criteria. The result was estimated.
S	The surrogate recovery was out of control limits due to matrix interference. The associated method blank surrogate recovery was within control limits and the sample data was reported without further clarification.
S1	The associated surrogate recovery was out of control limits; result is estimated.
S2	The surrogate was diluted out due to the presence of high concentrations of target and/or non-target compounds. Surrogate recoveries in the associated batch QC met recovery criteria.
S3	Internal Standard did not meet recovery limits. Analyte concentration is estimated.
T	Sample was extracted/analyzed past the holding time.
T1	Reanalysis was reported past hold time due to failing replicates in the original analysis (BOD only).
T2	Sample was analyzed ASAP but received and analyzed past the 15 minute holding time.
T3	Sample received and analyzed out of hold time per client's request.
T4	Sample was analyzed out of hold time per client's request.
T5	Reanalysis was reported past hold time. The original analysis was within hold time, but not reportable.
T6	Hold time is indeterminable due to unspecified sampling time.
T7	Sample was analyzed past hold time due to insufficient time remaining at time of receipt.

Definitions

DF	Dilution Factor
MDL	Method Detection Limit. Result is reported ND when it is less than or equal to MDL.
ND	Analyte was not detected or was less than the detection limit.
NR	Not Reported. See Report Comments.
RDL	Reporting Detection Limit
TIC	Tentatively Identified Compounds

ENTHALPHY ANALYTICAL, INC.	Chain of Custody Record				Turn Around Time (Rush by advanced notice only)					
931 W. Barkley Ave., Orange, CA 92868	Lab No:	408169			Standard:	X	4 Day:		3 Day:	
Phone: (714) 771-6900 Fax: (714) 538-1209	Page:	1	of	1	2 Day:		1 Day:		Same Day:	
Billing: Enthalpy - SoCal	Matrix: A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other				Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other					
c/o Montrose Environmental Group										
1 Park Plaza, Suite 1000, Irvine, CA 92614										

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Rincon Consultants	Name:	Malibu - Annual
Report To:	Kiernan Brtalik	Number:	
Email:		P.O. #:	
Address:	180 N. Ashwood Ave.	Address:	
	Ventura, CA 93003		
Phone:		Global ID:	
Cell:		Sampled By:	Kiernan/Jamie

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Total /Fecal Coliforms - SM 9223 Quantitray	TKN; NH3; Organic Nitrogen (Calculation)	EPA 300.0 (NO2,NO3)	Total Phosphorus; Total Nitrogen (calculation)							Test Instructions / Comments
N-001	11/6/18	12:00		5		X	X	X	X							
N-002	11/6/18	12:10		5		X	X	X	X							
N-003	11/6/18	12:15		5		X	X	X	X							
N-004	11/6/18	12:50		5		X	X	X	X							
L-001	11/6/18	10:05		5		X	X	X	X							
L-002	11/6/18	9:45		5		X	X	X	X							
L-003	11/6/18	11:00		5		X	X	X	X							
L-004	11/6/18	10:40		5		X	X	X	X							
L-005	11/6/18	11:15		5		X	X	X	X							
L-006	11/6/18	11:40		5		X	X	X	X							

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:	Jamie Pratt	Jamie Pratt	Rincon / Biologist	11/6/18 1305
1 Received By:		Laura Noyes	ENthalpy	11/6/18 1305
2 Relinquished By:		Lew Nay	ENthalpy	11/6/18 1555
2 Received By:		Leatha Herman	EA	11/06/18 1555
3 Relinquished By:				

5.6/5.8

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Rincon Project: Malibu - Annual

Date Received: 11/6/18 Sampler's Name Present: ☒ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 1 ☐ No (skip section 2) Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 5.8 #2: _____ #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: _____

Section 3

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 5.6 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?	✓		
Are custody seals present?		✓	
If custody seals are present, were they intact?			✓
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)	✓		
Did all samples arrive intact? If no, indicate in Section 4 below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were the samples collected in the correct containers for the required tests?	✓		
Are the containers labeled with the correct preservatives?	✓		
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✓
Was a sufficient amount of sample submitted for the requested tests?	✓		

Section 5 Explanations/Comments

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____

☐ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: 11/06/18

Enthalpy Analytical, LLC
931 W. Barkley Ave - Orange, CA 92868
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MONTROSE ENVIRONMENTAL

Client: Rincon Consultants - Ventura
Address: 180 North Ashwood Ave.
Ventura, CA 93003

Attn: Kiernan Brtalik

Lab Request: 408225
Report Date: 11/14/2018
Date Received: 11/07/2018
Client ID: 15888

Comments: Malibu GWM
15-01587

The Fecal Coliform results are unreportable due to issues with the test media.

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods. Methods accredited by NELAC are indicated on the report. This cover letter is an integral part of the final report.

Sample #	Client Sample ID
408225-001	MCWP-MW04D
408225-002	MCWP-MW07S
408225-003	MCWP-MW07D

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

Ranjit K. K. Clarke

Report Review performed by: Ranjit Clarke, Project Manager

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 60 days from date received.

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Matrix:	Water	**Client:**	Rincon Consultants - Ventura	**Collector:**	Client
Sampled:	11/07/2018 12:35	**Site:**			
Sample #:	**408225-001**	**Client Sample #:**	MCWP-MW04D	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024	Prep Method: None						QCBatchID:		
Total Organic Nitrogen	ND	1	0.04	0.5	mg/L		11/14/18	SLL	
Method: ALCH 4025	Prep Method: None						QCBatchID:		
Total Nitrogen	**2.44**	1	0.1	0.5	mg/L		11/14/18	SLL	
Method: EPA 1664A	Prep Method: Method						QCBatchID:		QC1197467
Total Oil and Grease	ND	1.05	1.47	5.25	mg/L	11/08/18	11/08/18	DXN	
Method: EPA 200.7	Prep Method: EPA 200.7						QCBatchID:		QC1197459
Boron	**0.793**	1	0.009	0.05	mg/L	11/08/18	11/08/18	SBW	
Method: EPA 300.0	Prep Method: Method						QCBatchID:		QC1197430
Chloride	**262**	20	1.72	20	mg/L	11/07/18	11/08/18 03:46	JP	B
Nitrate + Nitrite, as Nitrogen	**2.44**	20	0.36	2	mg/L	11/07/18	11/08/18 03:46	JP	
Nitrate, as Nitrogen	**2.44**	20	0.24	2	mg/L	11/07/18	11/08/18 03:46	JP	
Nitrite, as Nitrogen	ND	20	0.36	2	mg/L	11/07/18	11/08/18 03:46	JP	
Sulfate	**560**	20	1.54	20	mg/L	11/07/18	11/08/18 03:46	JP	
Method: SM 2120-B	Prep Method: Method						QCBatchID:		QC1197434
Color	ND	1	5	5	Color Unit		11/07/18 18:00	WW	
Method: SM 2130-B	Prep Method: Method						QCBatchID:		QC1197439
Turbidity	**1.8**	1	0.1	0.1	NTU		11/07/18 18:00	WW	
Method: SM 2150-B	Prep Method: Method						QCBatchID:		QC1197436
Odor Threshold	ND	1	1	1	T.O.N		11/07/18 18:00	WW	
Method: SM 2540-C	Prep Method: Method						QCBatchID:		QC1197541
Total Dissolved Solids	**1650**	2	20	20	mg/L	11/10/18	11/11/18	NP	
Method: SM 2540-D	Prep Method: SM 2540-D						QCBatchID:		QC1197538
Total Suspended Solids	**1.4**	1.05	0.525	0.525	mg/L	11/08/18	11/08/18	NP	
Method: SM 4500-Cl	Prep Method: Method						QCBatchID:		QC1197438
Chlorine, Total Residual	ND	1	0.016	0.1	mg/L		11/07/18 17:58	WW	T2
Method: SM 4500-H+B	Prep Method: Method						QCBatchID:		QC1197450
pH	**7.49**	1			pH Units	11/07/18 15:14	11/07/18 18:45	NP	T2
Method: SM 4500-NH3-G	Prep Method: Method						QCBatchID:		QC1197457
Ammonia, as Nitrogen	ND	1	0.01	0.1	mg/L	11/08/18	11/08/18	TP	
Method: SM 4500-NH3-G	Prep Method: SM4500-Norg/Auto						QCBatchID:		QC1197504
Total Kjeldahl Nitrogen	ND	1	0.052	0.4	mg/L	11/08/18	11/08/18	TP	
Method: SM 4500-P-B-2-E	Prep Method: 4500-P-B-2						QCBatchID:		QC1197587
Total Phosphate as P	**0.056**	1	0.01	0.02	mg/L	11/13/18	11/13/18	TP	
Total Phosphate as PO4	**0.172**	1	0.03	0.06	mg/L	11/13/18	11/13/18	TP	
Method: SM 5210-B	Prep Method: Method/5day						QCBatchID:		QC1197449
BOD	ND	1	1.5	3	mg/L	11/07/18	11/07/18 16:45	NP	
Method: SM 5310B	Prep Method: Method						QCBatchID:		QC1197550
Total Organic Carbon (TOC)	**4.84**	1	0.203	1	mg/L	11/09/18	11/09/18	TP	
Method: SM 5540-C	Prep Method: Method						QCBatchID:		QC1197558
MBAS	**0.038 J**	1	0.018	0.04	mg/L	11/08/18 08:30	11/08/18 20:03	TP	J
Method: sm 9223-B-b	Prep Method: Method						QCBatchID:		QC1197442
Total Coliform	**1.0**	1			MPN/100ml	11/07/18 16:30	11/08/18	LH	

Matrix:	Water	**Client:**	Rincon Consultants - Ventura	**Collector:**	Client
Sampled:	11/07/2018 09:25	**Site:**			
Sample #:	**408225-002**	**Client Sample #:**	MCWP-MW07S	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024	Prep Method: None						QCBatchID:		
Total Organic Nitrogen	**0.3 J**	1	0.04	0.5	mg/L		11/14/18	SLL	J
Method: ALCH 4025	Prep Method: None						QCBatchID:		
Total Nitrogen	**4.83**	1	0.1	0.5	mg/L		11/14/18	SLL	
Method: EPA 1664A	Prep Method: Method						QCBatchID:		QC1197467
Total Oil and Grease	ND	1.05	1.47	5.25	mg/L	11/08/18	11/08/18	DXN	
Method: EPA 200.7	Prep Method: EPA 200.7						QCBatchID:		QC1197459
Boron	**0.365**	1	0.009	0.05	mg/L	11/08/18	11/08/18	SBW	
Method: EPA 300.0	Prep Method: Method						QCBatchID:		QC1197430
Chloride	**206**	20	1.72	20	mg/L	11/07/18	11/13/18 12:28	JP	
Nitrate + Nitrite, as Nitrogen	**4.48**	20	0.36	2	mg/L	11/07/18	11/08/18 04:08	JP	
Nitrate, as Nitrogen	**4.48**	20	0.24	2	mg/L	11/07/18	11/08/18 04:08	JP	
Nitrite, as Nitrogen	ND	20	0.36	2	mg/L	11/07/18	11/08/18 04:08	JP	
Sulfate	**271**	20	1.54	20	mg/L	11/07/18	11/08/18 04:08	JP	
Method: SM 2120-B	Prep Method: Method						QCBatchID:		QC1197434
Color	ND	1	5	5	Color Unit		11/07/18 18:00	WW	
Method: SM 2130-B	Prep Method: Method						QCBatchID:		QC1197439
Turbidity	**26**	1	0.1	0.1	NTU		11/07/18 18:00	WW	
Method: SM 2150-B	Prep Method: Method						QCBatchID:		QC1197436
Odor Threshold	ND	1	1	1	T.O.N		11/07/18 18:00	WW	
Method: SM 2540-C	Prep Method: Method						QCBatchID:		QC1197541
Total Dissolved Solids	**1120**	2	20	20	mg/L	11/10/18	11/11/18	NP	
Method: SM 2540-D	Prep Method: SM 2540-D						QCBatchID:		QC1197538
Total Suspended Solids	**151**	1.33	0.665	0.665	mg/L	11/08/18	11/08/18	NP	
Method: SM 4500-Cl	Prep Method: Method						QCBatchID:		QC1197438
Chlorine, Total Residual	ND	1	0.016	0.1	mg/L		11/07/18 17:58	WW	T2
Method: SM 4500-H+B	Prep Method: Method						QCBatchID:		QC1197450
pH	**7.54**	1			pH Units	11/07/18 15:14	11/07/18 16:48	NP	T2
Method: SM 4500-NH3-G	Prep Method: Method						QCBatchID:		QC1197457
Ammonia, as Nitrogen	ND	1	0.01	0.1	mg/L	11/08/18	11/08/18	TP	
Method: SM 4500-NH3-G	Prep Method: SM4500-Norg/Auto						QCBatchID:		QC1197504
Total Kjeldahl Nitrogen	**0.348 J**	1	0.052	0.4	mg/L	11/08/18	11/08/18	TP	J
Method: SM 4500-P-B-2-E	Prep Method: 4500-P-B-2						QCBatchID:		QC1197587
Total Phosphate as P	**0.296**	1	0.01	0.02	mg/L	11/13/18	11/13/18	TP	
Total Phosphate as PO4	**0.908**	1	0.03	0.06	mg/L	11/13/18	11/13/18	TP	
Method: SM 5210-B	Prep Method: Method/5day						QCBatchID:		QC1197449
BOD	**2 J**	1	1.5	3	mg/L	11/07/18	11/07/18 16:48	NP	J,BQ2
Method: SM 5310B	Prep Method: Method						QCBatchID:		QC1197550
Total Organic Carbon (TOC)	**5.00**	1	0.203	1	mg/L	11/09/18	11/09/18	TP	
Method: SM 5540-C	Prep Method: Method						QCBatchID:		QC1197558
MBAS	**0.49**	2.5	0.045	0.1	mg/L	11/08/18 08:30	11/08/18 20:03	TP	
Method: sm 9223-B-b	Prep Method: Method						QCBatchID:		QC1197442
Total Coliform	**610**	1			MPN/100ml	11/07/18 16:30	11/08/18	LH	

Matrix:	Water	**Client:**	Rincon Consultants - Ventura	**Collector:**	Client
Sampled:	11/07/2018 09:30	**Site:**			
Sample #:	**408225-003**	**Client Sample #:**	MCWP-MW07D	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024 Prep Method: None							QCBatchID:		
Total Organic Nitrogen	**0.4 J**	1	0.04	0.5	mg/L		11/14/18	SLL	J
Method: ALCH 4025 Prep Method: None							QCBatchID:		
Total Nitrogen	**0.40 J**	1	0.1	0.5	mg/L		11/14/18	SLL	J
Method: EPA 1664A Prep Method: Method							QCBatchID: QC1197467		
Total Oil and Grease	ND	1.05	1.47	5.25	mg/L	11/08/18	11/08/18	DXN	
Method: EPA 200.7 Prep Method: EPA 200.7							QCBatchID: QC1197459		
Boron	**0.431**	1	0.009	0.05	mg/L	11/08/18	11/08/18	SBW	
Method: EPA 300.0 Prep Method: Method							QCBatchID: QC1197430		
Chloride	**309**	20	1.72	20	mg/L	11/07/18	11/08/18 04:31	JP	B
Nitrate + Nitrite, as Nitrogen	ND	20	0.36	2	mg/L	11/07/18	11/08/18 04:31	JP	
Nitrate, as Nitrogen	ND	20	0.24	2	mg/L	11/07/18	11/08/18 04:31	JP	
Nitrite, as Nitrogen	ND	20	0.36	2	mg/L	11/07/18	11/08/18 04:31	JP	
Sulfate	**683**	20	1.54	20	mg/L	11/07/18	11/08/18 04:31	JP	
Method: SM 2120-B Prep Method: Method							QCBatchID: QC1197434		
Color	ND	1	5	5	Color Unit		11/07/18 18:00	WW	
Method: SM 2130-B Prep Method: Method							QCBatchID: QC1197439		
Turbidity	**4.6**	1	0.1	0.1	NTU		11/07/18 18:00	WW	
Method: SM 2150-B Prep Method: Method							QCBatchID: QC1197436		
Odor Threshold	ND	1	1	1	T.O.N		11/07/18 18:00	WW	
Method: SM 2540-C Prep Method: Method							QCBatchID: QC1197541		
Total Dissolved Solids	**1930**	2	20	20	mg/L	11/10/18	11/11/18	NP	
Method: SM 2540-D Prep Method: SM 2540-D							QCBatchID: QC1197538		
Total Suspended Solids	**0.6**	1	0.5	0.5	mg/L	11/08/18	11/08/18	NP	
Method: SM 4500-Cl Prep Method: Method							QCBatchID: QC1197438		
Chlorine, Total Residual	ND	1	0.016	0.1	mg/L		11/07/18 17:58	WW	T2
Method: SM 4500-H+B Prep Method: Method							QCBatchID: QC1197450		
pH	**7.31**	1			pH Units	11/07/18 15:14	11/07/18 16:52	NP	T2
Method: SM 4500-NH3-G Prep Method: Method							QCBatchID: QC1197457		
Ammonia, as Nitrogen	**0.012 J**	1	0.01	0.1	mg/L	11/08/18	11/08/18	TP	J
Method: SM 4500-NH3-G Prep Method: SM4500-Norg/Auto							QCBatchID: QC1197504		
Total Kjeldahl Nitrogen	**0.402**	1	0.052	0.4	mg/L	11/08/18	11/08/18	TP	
Method: SM 4500-P-B-2-E Prep Method: 4500-P-B-2							QCBatchID: QC1197587		
Total Phosphate as P	**0.132**	1	0.01	0.02	mg/L	11/13/18	11/13/18	TP	
Total Phosphate as PO4	**0.405**	1	0.03	0.06	mg/L	11/13/18	11/13/18	TP	
Method: SM 5210-B Prep Method: Method/5day							QCBatchID: QC1197449		
BOD	ND	1	1.5	3	mg/L	11/07/18	11/07/18 16:52	NP	
Method: SM 5310B Prep Method: Method							QCBatchID: QC1197550		
Total Organic Carbon (TOC)	**8.51**	1	0.203	1	mg/L	11/09/18	11/09/18	TP	
Method: SM 5540-C Prep Method: Method							QCBatchID: QC1197558		
MBAS	**0.043**	1	0.018	0.04	mg/L	11/08/18 08:30	11/08/18 20:03	TP	
Method: sm 9223-B-b Prep Method: Method							QCBatchID: QC1197442		
Total Coliform	**1.0**	1			MPN/100ml	11/07/18 16:30	11/08/18	LH	

QCBatchID: QC1197430 **Analyst:** JParedes **Method:** EPA 300.0

Matrix: Water **Analyzed:** 11/07/2018 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1197430MB1					
Bromide	ND	mg/L	0.034	0.3	
Chloride	**1.10**	mg/L	0.086	1	B
Nitrate + Nitrite, as Nitrogen	ND	mg/L	0.018	0.44	
Nitrate, as Nitrogen	ND	mg/L	0.012	0.1	
Nitrate, as NO3	ND	mg/L	0.053	0.44	
Nitrite, as Nitrogen	ND	mg/L	0.018	0.1	
Nitrite, as NO2	ND	mg/L	0.06	0.33	
Sulfate	ND	mg/L	0.077	0.5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1197430LCS1											
Bromide	15		16.0		mg/L	107			90-110		
Chloride	100		104		mg/L	104			90-110		
Nitrate, as Nitrogen	9.03		8.26		mg/L	91			90-110		
Nitrate, as NO3	40		36.6		mg/L	92			90-110		
Nitrite, as Nitrogen	9.15		9.93		mg/L	109			90-110		
Nitrite, as NO2	30		32.6		mg/L	109			90-110		
Sulfate	50		52.7		mg/L	105			90-110		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1197430MS1, QC1197430MSD1												**Source: 408136-001**
Bromide	0.364	15	15	16.4	16.7	mg/L	107	109	1.8	80-120	20	
Chloride	74.8	100	100	175	175	mg/L	100	100	0.0	80-120	20	
Nitrate, as Nitrogen	ND	9.03	9.03	9.09	9.57	mg/L	101	106	5.1	80-120	20	
Nitrate, as NO3	ND	40	40	40.3	42.4	mg/L	101	106	5.1	80-120	20	
Nitrite, as Nitrogen	ND	9.15	9.15	9.79	9.85	mg/L	107	108	0.6	80-120	20	
Nitrite, as NO2	ND	30	30	32.1	32.3	mg/L	107	108	0.6	80-120	20	
Sulfate	13.6	50	50	65.9	66.8	mg/L	105	106	1.4	80-120	20	
QC1197430MS2, QC1197430MSD2												**Source: 408147-001**
Bromide	0.2	15	15	15.9	16.1	mg/L	105	106	1.3	80-120	20	
Chloride	133	100	100	224	225	mg/L	91	92	0.4	80-120	20	
Nitrate, as Nitrogen	2.25	9.03	9.03	11.0	10.8	mg/L	97	95	1.8	80-120	20	
Nitrate, as NO3	9.96	40	40	48.8	48.0	mg/L	97	95	1.7	80-120	20	
Nitrite, as Nitrogen	0.17	9.15	9.15	10.4	10.6	mg/L	112	114	1.9	80-120	20	
Nitrite, as NO2	0.55	30	30	34.3	34.6	mg/L	113	114	0.9	80-120	20	
Sulfate	70.8	50	50	117	119	mg/L	92	96	1.7	80-120	20	

QCBatchID:	**QC1197434**	**Analyst:**	wei	**Method:**	SM 2120-B
Matrix:	Water	**Analyzed:**	11/07/2018	**Instrument:**	CHEM (group)

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1197434DUP1						**Source: 408225-003**
Color	ND	ND	Color Unit	0.0	20	

QCBatchID:	**QC1197436**	**Analyst:**	wei	**Method:**	SM 2150-B
Matrix:	Water	**Analyzed:**	11/07/2018	**Instrument:**	CHEM (group)

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1197436DUP1						**Source: 408225-003**
Odor Threshold	ND	ND	T.O.N	0.0	20	

QCBatchID: QC1197438	**Analyst:** wei		**Method:** SM 4500-Cl		
Matrix: Water	**Analyzed:** 11/07/2018		**Instrument:** CHEM (group)		

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1197438MB1					
Chlorine, Total Residual	ND	mg/L	0.016	0.1	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1197438LCS1											
Chlorine, Total Residual	1		0.91		mg/L	91			80-120		

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1197438DUP1						**Source: 408225-001**
Chlorine, Total Residual	ND	ND	mg/L	0.0	20	

QCBatchID:	**QC1197439**	**Analyst:**	wei	**Method:**	SM 2130-B
Matrix:	Water	**Analyzed:**	11/07/2018	**Instrument:**	CHEM (group)

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1197439DUP1						**Source: 408225-003**
Turbidity	4.6	4.7	NTU	2.2	20	

QCBatchID:	**QC1197442**	**Analyst:**	Lhernandez	**Method:**	sm 9223-B-b
Matrix:	Water	**Analyzed:**	11/09/2018	**Instrument:**	MICRO (group)

QCBatchID:	**QC1197449**	**Analyst:**	npham	**Method:**	SM 5210-B
Matrix:	Water	**Analyzed:**	11/07/2018	**Instrument:**	MICRO (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1197449MB1					
BOD	ND	mg/L	1.5	3	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1197449LCS1											
BOD	198		187		mg/L	94			84.6-115.4		

QCBatchID:	**QC1197450**	**Analyst:**	npham	**Method:**	SM 4500-H+B
Matrix:	Water	**Analyzed:**	11/07/2018	**Instrument:**	CHEM (group)

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1197450DUP1						**Source: 407984-002**
pH	7.19	7.20	pH Units	0.1	20	

QCBatchID: QC1197457	**Analyst:** trinh		**Method:** SM 4500-NH3-G		
Matrix: Water	**Analyzed:** 11/08/2018		**Instrument:** CHEM (group)		

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1197457MB1					
Ammonia, as Nitrogen	ND	mg/L	0.01	0.1	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1197457LCS1											
Ammonia, as Nitrogen	5		5.08		mg/L	102			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1197457MS1, QC1197457MSD1												**Source: 408166-001**
Ammonia, as Nitrogen	ND	5	5	6.40	6.38	mg/L	128	128	0.3	80-120	20	M

QCBatchID: QC1197459 **Analyst:** dswafford **Method:** EPA 200.7

Matrix: Water **Analyzed:** 11/08/2018 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1197459MB1					
Boron	ND	mg/L	0.03	0.05	
Chromium	ND	mg/L	0.002	0.01	
Copper	ND	mg/L	0.004	0.01	
Zinc	ND	mg/L	0.007	0.05	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries		RPD	Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD		%Rec	RPD	
QC1197459LCS1											
Boron	2		2.05		mg/L	103			85-115		
Chromium	2		2.11		mg/L	106			85-115		
Copper	2		1.85		mg/L	93			85-115		
Zinc	2		1.98		mg/L	99			85-115		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries		RPD	Limits		Notes
		MS	MSD	MS	MSD		MS	MSD		%Rec	RPD	
QC1197459MS1												**Source: 408225-003**
Boron	0.431	1		1.44		mg/L	101			75-125		
Chromium	ND	1		0.944		mg/L	94			75-125		
Copper	0.007	1		0.889		mg/L	88			75-125		
Zinc	0.003	1		0.994		mg/L	99			75-125		

QCBatchID: QC1197467 **Analyst:** DNguyen **Method:** EPA 1664A

Matrix: Water **Analyzed:** 11/08/2018 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1197467MB1					
Non-Polar Oil and Grease	ND	mg/L	0.8	5	
Total Oil and Grease	ND	mg/L	1.4	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries		RPD	Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD		%Rec	RPD	
QC1197467LCS1, QC1197467LCSD1											
Non-Polar Oil and Grease	20	20	25.6	25.7	mg/L	128	129	0	64-132	34	
Total Oil and Grease	40	40	45.2	45.1	mg/L	113	113	0	78-114	18	

QCBatchID: QC1197504 **Analyst:** trinh **Method:** SM 4500-NH3-G

Matrix: Water **Analyzed:** 11/08/2018 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1197504MB1					
Total Kjeldahl Nitrogen	ND	mg/L	0.052	0.4	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1197504LCS1											
Total Kjeldahl Nitrogen	2.5		2.8		mg/L	112			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1197504MS1, QC1197504MSD1												**Source: 408225-001**
Total Kjeldahl Nitrogen	ND	12.5	12.5	14	15	mg/L	112	120	6.9	80-120	20	

QCBatchID:	**QC1197538**	**Analyst:**	trinh	**Method:**	SM 2540-D
Matrix:	Water	**Analyzed:**	11/08/2018	**Instrument:**	CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1197538MB1					
Total Suspended Solids	ND	mg/L	0.5	0.5	

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1197538DUP1						**Source: 408147-002**
Total Suspended Solids	540	544	mg/L	0.7	5	

QCBatchID: QC1197541 **Analyst:** trinh **Method:** SM 2540-C

Matrix: Water **Analyzed:** 11/11/2018 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1197541MB1					
Total Dissolved Solids	ND	mg/L	10	10	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1197541LCS1											
Total Dissolved Solids	3000		3100		mg/L	103			90-110		

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1197541DUP1						**Source: 408225-001**
Total Dissolved Solids	1650	1640	mg/L	0.6	5	

QCBatchID: QC1197550 **Analyst:** trinh **Method:** SM 5310B

Matrix: Water **Analyzed:** 11/09/2018 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1197550MB1					
Total Organic Carbon (TOC)	ND	mg/L	0.091	0.3	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1197550LCS1											
Total Organic Carbon (TOC)	10		10.1		mg/L	101			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1197550MS1, QC1197550MSD1												**Source: 408143-001**
Total Organic Carbon (TOC)	5.26	20	20	24.0	27.9	mg/L	94	113	15.0	80-120	20	

QCBatchID: QC1197558 **Analyst:** trinh **Method:** SM 5540-C

Matrix: Water **Analyzed:** 11/08/2018 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1197558MB1					
MBAS	ND	mg/L	0.007	0.04	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1197558LCS1											
MBAS	1		1.0		mg/L	100			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1197558MS1, QC1197558MSD1												**Source: 408257-002**
MBAS	0.020	1	1	1.0	1.0	mg/L	98	98	0.0	75-125	20	

QCBatchID: QC1197587 **Analyst:** trinh **Method:** SM 4500-P-B-2-E

Matrix: Water **Analyzed:** 11/13/2018 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1197587MB1					
Total Phosphate as P	ND	mg/L	0.01	0.02	
Total Phosphate as PO4	ND	mg/L	0.03	0.06	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1197587LCS1											
Total Phosphate as P	0.4		0.378		mg/L	95			80-120		
Total Phosphate as PO4	1.23		1.160		mg/L	94			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1197587MS1, QC1197587MSD1												**Source: 408225-001**
Total Phosphate as P	0.056	0.8	0.8	0.858	0.860	mg/L	100	101	0.2	75-125	20	
Total Phosphate as PO4	0.172	2.46	2.46	2.63	2.64	mg/L	100	100	0.4	75-125	20	

Data Qualifiers and Definitions

Qualifiers

A	See Report Comments.
B	Analyte was present in an associated method blank.
B1	Analyte was present in a sample and associated method blank greater than MDL but less than RDL.
BQ1	No valid test replicates. Sample Toxicity is possible. Best result was reported.
BQ2	No valid test replicates.
BQ3	No valid test replicates. Final DO is less than 1.0 mg/L. Result may be greater.
BQ4	Minor Dissolved Oxygen loss was observed in the blank water check, however, the LCS was within criteria, validating the batch.
BQ5	Minor Dissolved Oxygen loss was observed in the blank water check.
C	Possible laboratory contamination.
D	RPD was not within control limits. The sample data was reported without further clarification.
D1	Lesser amount of sample was used due to insufficient amount of sample supplied.
D2	Reporting limit is elevated due to sample matrix. Target analyte was not detected above the elevated reporting limit.
D3	Insufficient sample was supplied for TCLP. Client was notified. TCLP was performed per the Client's instructions.
DW	Sample result is calculated on a dry weigh basis.
E	Concentration is estimated because it exceeds the quantification limits of the method.
I	The sample was read outside of the method required incubation period.
IR	Inconclusive Result. Legionella is present, however, there is possible non-specific agglutination preventing specific identification.
J	Reported value is estimated
L	The laboratory control sample (LCS) or laboratory control sample duplicate (LCSD) was out of control limits. Associated sample data was reported with qualifier.
L2	LCS did not meet recovery criteria, however, the MS and/or MSD met LCS recovery criteria, validating the batch.
M	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits due to matrix interference. The associated LCS and/or LCSD was within control limits and the sample data was reported without further clarification.
M1	The matrix spike (MS) or matrix spike duplicate (MSD) is not within control limits due to matrix interference.
M2	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits. The associated LCS and/or LCSD was not within control limits. Sample result is estimated.
N1	Sample chromatography does not match the specified TPH standard pattern.
NC	The analyte concentration in the sample exceeded the spike level by a factor of four or greater, spike recovery and limits do not apply.
P	Sample was received without proper preservation according to EPA guidelines.
P1	Temperature of sample storage refrigerator was out of acceptance limits.
P2	The sample was preserved within 24 hours of collection in accordance with EPA 218.6.
P3	Per Client request, sample was composited for volatile analysis. Sample compositing for volatile analysis is not recommended due to potential loss of target analytes. Results may be biased low.
Q1	Analyte Calibration Verification exceeds criteria. The result is estimated.
Q2	Analyte calibration was not verified and the result was estimated.
Q3	Analyte initial calibration was not available or exceeds criteria. The result was estimated.
S	The surrogate recovery was out of control limits due to matrix interference. The associated method blank surrogate recovery was within control limits and the sample data was reported without further clarification.
S1	The associated surrogate recovery was out of control limits; result is estimated.
S2	The surrogate was diluted out due to the presence of high concentrations of target and/or non-target compounds. Surrogate recoveries in the associated batch QC met recovery criteria.
S3	Internal Standard did not meet recovery limits. Analyte concentration is estimated.
T	Sample was extracted/analyzed past the holding time.
T1	Reanalysis was reported past hold time due to failing replicates in the original analysis (BOD only).
T2	Sample was analyzed ASAP but received and analyzed past the 15 minute holding time.
T3	Sample received and analyzed out of hold time per client's request.
T4	Sample was analyzed out of hold time per client's request.
T5	Reanalysis was reported past hold time. The original analysis was within hold time, but not reportable.
T6	Hold time is indeterminable due to unspecified sampling time.
T7	Sample was analyzed past hold time due to insufficient time remaining at time of receipt.

Definitions

DF	Dilution Factor
MDL	Method Detection Limit. Result is reported ND when it is less than or equal to MDL.
ND	Analyte was not detected or was less than the detection limit.
NR	Not Reported. See Report Comments.
RDL	Reporting Detection Limit
TIC	Tentatively Identified Compounds

ENTHALPY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868

Phone: (714) 771-6900 Fax: (714)771-9933

Billing: Enthalpy - SoCal

c/o Montrose Environmental Group

1 Park Plaza, Suite 1000, Irvine, CA 92614

ENTHALPY analytical, inc.

Chain of Custody Record

Lab No: 408725

Page: 1 of 1

Matrix: A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other

Turn Around Time (Rush by advanced notice only)

Standard:	X	4 Day:		3 Day:	
2 Day:		1 Day:		Same Day:	

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Rincon Consultants	Name:	Malibu Lumber
Report To:	Kiernan Bretalik	Number:	15-01597
Email:	KBretalik@RinconConsultants.com	P.O. #:	
Address:	180 Ashwood Ave	Address:	
	Ventura CA		
Phone:	805-644-4455	Global ID:	
Fax:		Sampled By:	Peter Doran

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Analysis Request: General Chemistry	Test Instructions / Comments
1	MCWP-MW04D	11-7-18	1235	W	12/various	various	X	
2	MCWP-MW07S	"	0925	"	"	"	X	
3	MCWP-MW07D	"	0930	"	"	"	X	
4								
5								
6								
7								
8								
9								
10								

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Peter Doran	Rincon	11-7-18 / 1300
1 Received By:			Enthalpy	11/7/18 1320
2 Relinquished By:			Enthalpy	11/7/18 1544
2 Received By:		Leaheather Ham	ETA	11/07/18 1544
3 Relinquished By:				
3 Received By:				

24/1.7 3.9/2.8

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Rincon Project: Malibu GWM

Date Received: 11/7/18 Sampler's Name Present: [X] Yes [ ] No

Section 2

Sample(s) received in a cooler? [✓] Yes, How many? 2 [ ] No (skip section 2) Sample Temp (°C) (No Cooler) :_____

Sample Temp (°C), One from each cooler: #1: 2.4 #2: 3.9 #3:_____ #4:_____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information:_____

Section 3

Was the cooler packed with: [✓] Ice [ ] Ice Packs [ ] Bubble Wrap [ ] Styrofoam [ ] Paper [ ] None [ ] Other_____

Cooler Temp (°C): #1: 1.7 #2: 2.8 #3:_____ #4:_____

Section 4	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?	✓		
Are custody seals present?		✓	
If custody seals are present, were they intact?			✓
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)	✓		
Did all samples arrive intact? If no, indicate in Section 4 below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were the samples collected in the correct containers for the required tests?	✓		
Are the containers labeled with the correct preservatives?	✓		
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✓
Was a sufficient amount of sample submitted for the requested tests?	✓		

Section 5 Explanations/Comments

Section 6

For discrepancies, how was the Project Manager notified? [ ] Verbal PM Initials:_____ Date/Time_____

[ ] Email (email sent to/on):_____/_____

Project Manager's response:

Completed By: _____ Date: 11/07/18

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info-sc@enthalpy.com

MONTROSE ENVIRONMENTAL

Client: Rincon Consultants - Ventura
Address: 180 North Ashwood Ave.
Ventura, CA 93003

Attn: Kiernan Brtalik

Comments: Malibu - Quarterly (Re-Sample)
Ground Water

Lab Request: 410093
Report Date: 12/28/2018
Date Received: 12/18/2018
Client ID: 15888

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods. Methods accredited by NELAC are indicated on the report. This cover letter is an integral part of the final report.

Sample #	Client Sample ID
410093-001	LAMW-5S
410093-002	SMBRP-9
410093-003	SMBRP-11
410093-004	SMBRP-12
410093-005	MCWP-MW04S
410093-006	MCWP-MW07S
410093-007	MCWP-MW07D
410093-008	MCWP-MW09

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

Ranjit K. K. Clarke

Report Review performed by: Ranjit Clarke, Project Manager

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 60 days from date received.

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ACCREDITED IN ACCORDANCE WITH nelac

Matrix:	Water	**Client:**	Rincon Consultants - Ventura	**Collector:**	Client
Sampled:	12/18/2018 10:00	**Site:**			
Sample #:	**410093-001**	**Client Sample #:**	LAMW-5S	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024	Prep Method: None						QCBatchID:		
Total Organic Nitrogen	ND	1	0.04	0.5	mg/L		12/27/18	SLL	
Method: ALCH 4025	Prep Method: None						QCBatchID:		
Total Nitrogen	**13.0**	1	0.1	0.5	mg/L		12/27/18	SLL	
Method: EPA 300.0	Prep Method: Method						QCBatchID:		QC1199102
Chloride	**98.9**	1	0.086	1	mg/L	12/18/18	12/18/18 22:29	JP	
Nitrate, as Nitrogen	**13.0**	1	0.012	0.1	mg/L	12/18/18	12/18/18 22:29	JP	
Nitrate, as NO3	**57.7**	1	0.053	0.44	mg/L	12/18/18	12/18/18 22:29	JP	
Nitrite, as Nitrogen	ND	1	0.018	0.1	mg/L	12/18/18	12/18/18 22:29	JP	
Nitrite, as NO2	ND	1	0.06	0.33	mg/L	12/18/18	12/18/18 22:29	JP	
Method: SM 2540-C	Prep Method: Method						QCBatchID:		QC1199224
Total Dissolved Solids	**536**	2	20	20	mg/L	12/21/18	12/22/18	DXN	
Method: SM 4500-H+B	Prep Method: Method						QCBatchID:		QC1199157
pH	**6.78**	1			pH Units		12/19/18 10:15	WW	T2
Method: SM 4500-NH3-G	Prep Method: Method						QCBatchID:		QC1199346
Ammonia, as Nitrogen	**0.241**	1	0.01	0.1	mg/L	12/21/18	12/26/18	TP	
Method: SM 4500-NH3-G	Prep Method: SM4500-Norg/Auto						QCBatchID:		QC1199236
Total Kjeldahl Nitrogen	ND	1	0.052	0.4	mg/L	12/19/18	12/20/18	TP	
Method: SM 4500-P-B-5-E	Prep Method: 4500-P-B-5						QCBatchID:		QC1199447
Total Phosphorous as P	**1.170**	10	0.1	0.2	mg/L	12/27/18	12/28/18	TP	
Total Phosphorous as PO4	**3.59**	10	0.3	0.6	mg/L	12/27/18	12/28/18	TP	
Method: sm 9223-B-b	Prep Method: Method						QCBatchID:		QC1199068
Fecal Coliform	**1.0**	1			MPN/100ml	12/18/18 16:48	12/19/18	SEM	
Total Coliform	**36**	1			MPN/100ml	12/18/18 16:48	12/19/18	SEM	

Matrix:	Water	**Client:**	Rincon Consultants - Ventura	**Collector:**	Client
Sampled:	12/18/2018 09:50	**Site:**			
Sample #:	**410093-002**	**Client Sample #:**	SMBRP-9	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024	Prep Method: None						QCBatchID:		
Total Organic Nitrogen	ND	1	0.04	0.5	mg/L		12/27/18	SLL	
Method: ALCH 4025	Prep Method: None						QCBatchID:		
Total Nitrogen	**2.80**	1	0.1	0.5	mg/L		12/27/18	SLL	
Method: EPA 300.0	Prep Method: Method						QCBatchID:		QC1199102
Chloride	**141**	1	0.086	1	mg/L	12/18/18	12/18/18 22:50	JP	
Nitrate, as Nitrogen	**2.80**	1	0.012	0.1	mg/L	12/18/18	12/18/18 22:50	JP	
Nitrate, as NO3	**12.4**	1	0.053	0.44	mg/L	12/18/18	12/18/18 22:50	JP	
Nitrite, as Nitrogen	ND	1	0.018	0.1	mg/L	12/18/18	12/18/18 22:50	JP	
Nitrite, as NO2	ND	1	0.06	0.33	mg/L	12/18/18	12/18/18 22:50	JP	
Method: SM 2540-C	Prep Method: Method						QCBatchID:		QC1199224
Total Dissolved Solids	**1350**	2	20	20	mg/L	12/21/18	12/22/18	DXN	
Method: SM 4500-H+B	Prep Method: Method						QCBatchID:		QC1199157
pH	**7.05**	1			pH Units		12/19/18 10:15	WW	T2
Method: SM 4500-NH3-G	Prep Method: Method						QCBatchID:		QC1199346
Ammonia, as Nitrogen	ND	1	0.01	0.1	mg/L	12/21/18	12/26/18	TP	
Method: SM 4500-NH3-G	Prep Method: SM4500-Norg/Auto						QCBatchID:		QC1199236
Total Kjeldahl Nitrogen	ND	1	0.052	0.4	mg/L	12/19/18	12/20/18	TP	
Method: SM 4500-P-B-5-E	Prep Method: 4500-P-B-5						QCBatchID:		QC1199447
Total Phosphorous as P	**0.068**	1	0.01	0.02	mg/L	12/27/18	12/28/18	TP	
Total Phosphorous as PO4	**0.209**	1	0.03	0.06	mg/L	12/27/18	12/28/18	TP	
Method: sm 9223-B-b	Prep Method: Method						QCBatchID:		QC1199068
Fecal Coliform	**<1**	1			MPN/100ml	12/18/18 16:48	12/19/18	SEM	
Total Coliform	**360**	1			MPN/100ml	12/18/18 16:48	12/19/18	SEM	

Matrix:	Water	**Client:**	Rincon Consultants - Ventura	**Collector:**	Client
Sampled:	12/18/2018 11:15	**Site:**			
Sample #:	**410093-003**	**Client Sample #:**	SMBRP-11	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024	Prep Method: None						QCBatchID:		
Total Organic Nitrogen	**0.46 J**	1	0.04	0.5	mg/L		12/27/18	SLL	J
Method: ALCH 4025	Prep Method: None						QCBatchID:		
Total Nitrogen	**18.4**	1	0.1	0.5	mg/L		12/27/18	SLL	
Method: EPA 300.0	Prep Method: Method						QCBatchID:		QC1199102
Chloride	**326**	10	0.86	10	mg/L	12/18/18	12/19/18 03:30	JP	
Nitrate, as Nitrogen	**16.1**	1	0.012	0.1	mg/L	12/18/18	12/18/18 23:12	JP	
Nitrate, as NO3	**71.5**	1	0.053	0.44	mg/L	12/18/18	12/18/18 23:12	JP	
Nitrite, as Nitrogen	**0.50**	1	0.018	0.1	mg/L	12/18/18	12/18/18 23:12	JP	
Nitrite, as NO2	**1.63**	1	0.06	0.33	mg/L	12/18/18	12/18/18 23:12	JP	
Method: SM 2540-C	Prep Method: Method						QCBatchID:		QC1199224
Total Dissolved Solids	**1510**	2	20	20	mg/L	12/21/18	12/22/18	DXN	
Method: SM 4500-H+B	Prep Method: Method						QCBatchID:		QC1199157
pH	**6.81**	1			pH Units		12/19/18 10:15	WW	T2
Method: SM 4500-NH3-G	Prep Method: Method						QCBatchID:		QC1199346
Ammonia, as Nitrogen	**1.34**	1	0.01	0.1	mg/L	12/21/18	12/26/18	TP	
Method: SM 4500-NH3-G	Prep Method: SM4500-Norg/Auto						QCBatchID:		QC1199236
Total Kjeldahl Nitrogen	**1.8**	1	0.052	0.4	mg/L	12/19/18	12/20/18	TP	
Method: SM 4500-P-B-5-E	Prep Method: 4500-P-B-5						QCBatchID:		QC1199447
Total Phosphorous as P	**0.031**	1	0.01	0.02	mg/L	12/27/18	12/28/18	TP	
Total Phosphorous as PO4	**0.095**	1	0.03	0.06	mg/L	12/27/18	12/28/18	TP	
Method: sm 9223-B-b	Prep Method: Method						QCBatchID:		QC1199068
Fecal Coliform	**3.1**	1			MPN/100ml	12/18/18 16:48	12/19/18	SEM	
Total Coliform	**>2400**	1			MPN/100ml	12/18/18 16:48	12/19/18	SEM	

Matrix:	Water	**Client:**	Rincon Consultants - Ventura	**Collector:**	Client
Sampled:	12/18/2018 12:30	**Site:**			
Sample #:	**410093-004**	**Client Sample #:**	SMBRP-12	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024	Prep Method: None						QCBatchID:		
Total Organic Nitrogen	**0.52**	1	0.04	0.5	mg/L		12/27/18	SLL	
Method: ALCH 4025	Prep Method: None						QCBatchID:		
Total Nitrogen	**6.47**	1	0.1	0.5	mg/L		12/27/18	SLL	
Method: EPA 300.0	Prep Method: Method						QCBatchID:		QC1199102
Chloride	**543**	10	0.86	10	mg/L	12/18/18	12/19/18 03:51	JP	
Nitrate, as Nitrogen	**0.11**	1	0.012	0.1	mg/L	12/18/18	12/18/18 23:33	JP	
Nitrate, as NO3	**0.47**	1	0.053	0.44	mg/L	12/18/18	12/18/18 23:33	JP	
Nitrite, as Nitrogen	**0.96**	1	0.018	0.1	mg/L	12/18/18	12/18/18 23:33	JP	
Nitrite, as NO2	**3.16**	1	0.06	0.33	mg/L	12/18/18	12/18/18 23:33	JP	
Method: SM 2540-C	Prep Method: Method						QCBatchID:		QC1199224
Total Dissolved Solids	**1990**	2	20	20	mg/L	12/21/18	12/22/18	DXN	
Method: SM 4500-H+B	Prep Method: Method						QCBatchID:		QC1199157
pH	**7.00**	1			pH Units		12/19/18 10:15	WW	T2
Method: SM 4500-NH3-G	Prep Method: Method						QCBatchID:		QC1199346
Ammonia, as Nitrogen	**4.88**	1	0.01	0.1	mg/L	12/21/18	12/26/18	TP	
Method: SM 4500-NH3-G	Prep Method: SM4500-Norg/Auto						QCBatchID:		QC1199236
Total Kjeldahl Nitrogen	**5.4**	1	0.052	0.4	mg/L	12/19/18	12/20/18	TP	
Method: SM 4500-P-B-5-E	Prep Method: 4500-P-B-5						QCBatchID:		QC1199447
Total Phosphorous as P	**1.290**	10	0.1	0.2	mg/L	12/27/18	12/28/18	TP	
Total Phosphorous as PO4	**3.96**	10	0.3	0.6	mg/L	12/27/18	12/28/18	TP	
Method: sm 9223-B-b	Prep Method: Method						QCBatchID:		QC1199068
Fecal Coliform	**2.0**	1			MPN/100ml	12/18/18 16:48	12/19/18	SEM	
Total Coliform	**11**	1			MPN/100ml	12/18/18 16:48	12/19/18	SEM	

Matrix:	Water	**Client:**	Rincon Consultants - Ventura	**Collector:**	Client
Sampled:	12/18/2018 11:30	**Site:**			
Sample #:	**410093-005**	**Client Sample #:**	MCWP-MW04S	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024	Prep Method: None						QCBatchID:		
Total Organic Nitrogen	**0.70**	1	0.04	0.5	mg/L		12/27/18	SLL	
Method: ALCH 4025	Prep Method: None						QCBatchID:		
Total Nitrogen	**2.89**	1	0.1	0.5	mg/L		12/27/18	SLL	
Method: EPA 300.0	Prep Method: Method						QCBatchID:		QC1199102
Chloride	**759**	10	0.86	10	mg/L	12/18/18	12/19/18 04:13	JP	
Nitrate, as Nitrogen	**0.54**	1	0.012	0.1	mg/L	12/18/18	12/18/18 23:55	JP	
Nitrate, as NO3	**2.38**	1	0.053	0.44	mg/L	12/18/18	12/18/18 23:55	JP	
Nitrite, as Nitrogen	**1.58**	1	0.018	0.1	mg/L	12/18/18	12/18/18 23:55	JP	
Nitrite, as NO2	**5.19**	1	0.06	0.33	mg/L	12/18/18	12/18/18 23:55	JP	
Method: SM 2540-C	Prep Method: Method						QCBatchID:		QC1199224
Total Dissolved Solids	**5710**	2	20	20	mg/L	12/21/18	12/22/18	DXN	
Method: SM 4500-H+B	Prep Method: Method						QCBatchID:		QC1199157
pH	**7.09**	1			pH Units		12/19/18 10:15	WW	T2
Method: SM 4500-NH3-G	Prep Method: Method						QCBatchID:		QC1199346
Ammonia, as Nitrogen	**0.077 J**	1	0.01	0.1	mg/L	12/21/18	12/26/18	TP	J
Method: SM 4500-NH3-G	Prep Method: SM4500-Norg/Auto						QCBatchID:		QC1199236
Total Kjeldahl Nitrogen	**0.773**	1	0.052	0.4	mg/L	12/19/18	12/20/18	TP	
Method: SM 4500-P-B-5-E	Prep Method: 4500-P-B-5						QCBatchID:		QC1199447
Total Phosphorous as P	**0.259**	1	0.01	0.02	mg/L	12/27/18	12/28/18	TP	
Total Phosphorous as PO4	**0.794**	1	0.03	0.06	mg/L	12/27/18	12/28/18	TP	
Method: sm 9223-B-b	Prep Method: Method						QCBatchID:		QC1199068
Fecal Coliform	**<1**	1			MPN/100ml	12/18/18 16:48	12/19/18	SEM	
Total Coliform	**>2400**	1			MPN/100ml	12/18/18 16:48	12/19/18	SEM	

Matrix:	Water	**Client:**	Rincon Consultants - Ventura	**Collector:**	Client
Sampled:	12/18/2018 10:30	**Site:**			
Sample #:	**410093-006**	**Client Sample #:**	MCWP-MW07S	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024	Prep Method: None						QCBatchID:		
Total Organic Nitrogen	**0.26 J**	1	0.04	0.5	mg/L		12/27/18	SLL	J
Method: ALCH 4025	Prep Method: None						QCBatchID:		
Total Nitrogen	**4.53**	1	0.1	0.5	mg/L		12/27/18	SLL	
Method: EPA 300.0	Prep Method: Method						QCBatchID:		QC1199102
Chloride	**205**	10	0.86	10	mg/L	12/18/18	12/19/18 04:34	JP	
Nitrate, as Nitrogen	**3.87**	1	0.012	0.1	mg/L	12/18/18	12/19/18 00:16	JP	
Nitrate, as NO3	**17.1**	1	0.053	0.44	mg/L	12/18/18	12/19/18 00:16	JP	
Nitrite, as Nitrogen	**0.40**	1	0.018	0.1	mg/L	12/18/18	12/19/18 00:16	JP	
Nitrite, as NO2	**1.31**	1	0.06	0.33	mg/L	12/18/18	12/19/18 00:16	JP	
Method: SM 2540-C	Prep Method: Method						QCBatchID:		QC1199224
Total Dissolved Solids	**1120**	2	20	20	mg/L	12/21/18	12/22/18	DXN	
Method: SM 4500-H+B	Prep Method: Method						QCBatchID:		QC1199157
pH	**7.27**	1			pH Units		12/19/18 10:15	WW	T2
Method: SM 4500-NH3-G	Prep Method: Method						QCBatchID:		QC1199346
Ammonia, as Nitrogen	ND	1	0.01	0.1	mg/L	12/21/18	12/26/18	TP	
Method: SM 4500-NH3-G	Prep Method: SM4500-Norg/Auto						QCBatchID:		QC1199236
Total Kjeldahl Nitrogen	**0.262 J**	1	0.052	0.4	mg/L	12/19/18	12/20/18	TP	J
Method: SM 4500-P-B-5-E	Prep Method: 4500-P-B-5						QCBatchID:		QC1199447
Total Phosphorous as P	**0.016 J**	1	0.01	0.02	mg/L	12/27/18	12/28/18	TP	J
Total Phosphorous as PO4	**0.049 J**	1	0.03	0.06	mg/L	12/27/18	12/28/18	TP	J
Method: sm 9223-B-b	Prep Method: Method						QCBatchID:		QC1199068
Fecal Coliform	**3.0**	1			MPN/100ml	12/18/18 16:48	12/19/18	SEM	
Total Coliform	**>2400**	1			MPN/100ml	12/18/18 16:48	12/19/18	SEM	

Matrix:	Water	**Client:**	Rincon Consultants - Ventura	**Collector:**	Client
Sampled:	12/18/2018 11:05	**Site:**			
Sample #:	**410093-007**	**Client Sample #:**	MCWP-MW07D	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024	Prep Method: None						QCBatchID:		
Total Organic Nitrogen	**0.13 J**	1	0.04	0.5	mg/L		12/27/18	SLL	J
Method: ALCH 4025	Prep Method: None						QCBatchID:		
Total Nitrogen	**1.22**	1	0.1	0.5	mg/L		12/27/18	SLL	
Method: EPA 300.0	Prep Method: Method						QCBatchID:		QC1199102
Chloride	**26.5**	1	0.086	1	mg/L	12/18/18	12/19/18 00:38	JP	
Nitrate, as Nitrogen	**0.98**	1	0.012	0.1	mg/L	12/18/18	12/19/18 00:38	JP	
Nitrate, as NO3	**4.35**	1	0.053	0.44	mg/L	12/18/18	12/19/18 00:38	JP	
Nitrite, as Nitrogen	**0.11**	1	0.018	0.1	mg/L	12/18/18	12/19/18 00:38	JP	
Nitrite, as NO2	**0.38**	1	0.06	0.33	mg/L	12/18/18	12/19/18 00:38	JP	
Method: SM 2540-C	Prep Method: Method						QCBatchID:		QC1199224
Total Dissolved Solids	**134**	2	20	20	mg/L	12/21/18	12/22/18	DXN	
Method: SM 4500-H+B	Prep Method: Method						QCBatchID:		QC1199157
pH	**7.44**	1			pH Units		12/19/18 10:15	WW	T2
Method: SM 4500-NH3-G	Prep Method: Method						QCBatchID:		QC1199346
Ammonia, as Nitrogen	ND	1	0.01	0.1	mg/L	12/21/18	12/26/18	TP	
Method: SM 4500-NH3-G	Prep Method: SM4500-Norg/Auto						QCBatchID:		QC1199236
Total Kjeldahl Nitrogen	**0.131 J**	1	0.052	0.4	mg/L	12/19/18	12/20/18	TP	J
Method: SM 4500-P-B-5-E	Prep Method: 4500-P-B-5						QCBatchID:		QC1199447
Total Phosphorous as P	**0.274**	1	0.01	0.02	mg/L	12/27/18	12/28/18	TP	
Total Phosphorous as PO4	**0.840**	1	0.03	0.06	mg/L	12/27/18	12/28/18	TP	
Method: sm 9223-B-b	Prep Method: Method						QCBatchID:		QC1199068
Fecal Coliform	**140**	1			MPN/100ml	12/18/18 16:48	12/19/18	SEM	
Total Coliform	**>2400**	1			MPN/100ml	12/18/18 16:48	12/19/18	SEM	

Matrix:	Water	**Client:**	Rincon Consultants - Ventura	**Collector:**	Client
Sampled:	12/18/2018 12:40	**Site:**			
Sample #:	**410093-008**	**Client Sample #:**	MCWP-MW09	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024	Prep Method: None						QCBatchID:		
Total Organic Nitrogen	**0.08 J**	1	0.04	0.5	mg/L		12/27/18	SLL	J
Method: ALCH 4025	Prep Method: None						QCBatchID:		
Total Nitrogen	**2.46**	1	0.1	0.5	mg/L		12/27/18	SLL	
Method: EPA 300.0	Prep Method: Method						QCBatchID:		QC1199102
Chloride	**457**	10	0.86	10	mg/L	12/18/18	12/19/18 05:17	JP	
Nitrate, as Nitrogen	**0.93**	1	0.012	0.1	mg/L	12/18/18	12/19/18 00:59	JP	
Nitrate, as NO3	**4.13**	1	0.053	0.44	mg/L	12/18/18	12/19/18 00:59	JP	
Nitrite, as Nitrogen	**1.14**	1	0.018	0.1	mg/L	12/18/18	12/19/18 00:59	JP	
Nitrite, as NO2	**3.73**	1	0.06	0.33	mg/L	12/18/18	12/19/18 00:59	JP	
Method: SM 2540-C	Prep Method: Method						QCBatchID:		QC1199224
Total Dissolved Solids	**1800**	2	20	20	mg/L	12/21/18	12/22/18	DXN	
Method: SM 4500-H+B	Prep Method: Method						QCBatchID:		QC1199157
pH	**7.20**	1			pH Units		12/19/18 10:15	WW	T2
Method: SM 4500-NH3-G	Prep Method: Method						QCBatchID:		QC1199346
Ammonia, as Nitrogen	**0.306**	1	0.01	0.1	mg/L	12/21/18	12/26/18	TP	
Method: SM 4500-NH3-G	Prep Method: SM4500-Norg/Auto						QCBatchID:		QC1199236
Total Kjeldahl Nitrogen	**0.389 J**	1	0.052	0.4	mg/L	12/19/18	12/20/18	TP	J
Method: SM 4500-P-B-5-E	Prep Method: 4500-P-B-5						QCBatchID:		QC1199447
Total Phosphorous as P	**0.237**	1	0.01	0.02	mg/L	12/27/18	12/28/18	TP	
Total Phosphorous as PO4	**0.727**	1	0.03	0.06	mg/L	12/27/18	12/28/18	TP	
Method: sm 9223-B-b	Prep Method: Method						QCBatchID:		QC1199068
Fecal Coliform	**4.1**	1			MPN/100ml	12/18/18 16:48	12/19/18	SEM	
Total Coliform	**1100**	1			MPN/100ml	12/18/18 16:48	12/19/18	SEM	

QCBatchID: QC1199102 **Analyst:** JParedes **Method:** EPA 300.0

Matrix: Water **Analyzed:** 12/18/2018 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1199102MB1					
Bromide	ND	mg/L	0.034	0.3	
Chloride	**0.919 J**	mg/L	0.086	1	
Nitrate + Nitrite, as Nitrogen	ND	mg/L	0.018	0.44	
Nitrate, as Nitrogen	ND	mg/L	0.012	0.1	
Nitrate, as NO3	ND	mg/L	0.053	0.44	
Nitrite, as Nitrogen	ND	mg/L	0.018	0.1	
Nitrite, as NO2	ND	mg/L	0.06	0.33	
Sulfate	ND	mg/L	0.077	0.5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1199102LCS1											
Bromide	15		15.8		mg/L	105			90-110		
Chloride	100		104		mg/L	104			90-110		
Nitrate, as Nitrogen	9.03		9.30		mg/L	103			90-110		
Nitrate, as NO3	40		41.2		mg/L	103			90-110		
Nitrite, as Nitrogen	9.15		9.96		mg/L	109			90-110		
Nitrite, as NO2	30		32.7		mg/L	109			90-110		
Sulfate	50		51.8		mg/L	104			90-110		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1199102MS1, QC1199102MSD1												**Source: 410039-001**
Bromide	0.288	15	15	16.4	16.6	mg/L	107	109	1.2	80-120	20	
Chloride	72.4	100	100	173	174	mg/L	101	102	0.6	80-120	20	
Nitrate, as Nitrogen	ND	9.03	9.03	9.59	9.65	mg/L	106	107	0.6	80-120	20	
Nitrate, as NO3	ND	40	40	42.5	42.8	mg/L	106	107	0.7	80-120	20	
Nitrite, as Nitrogen	0.148	9.15	9.15	10.5	10.6	mg/L	113	114	0.9	80-120	20	
Nitrite, as NO2	0.484	30	30	34.6	34.9	mg/L	114	115	0.9	80-120	20	
Sulfate	13.2	50	50	66.2	66.4	mg/L	106	106	0.3	80-120	20	
QC1199102MS2, QC1199102MSD2												**Source: 410040-001**
Bromide	0.221	15	15	16.4	16.4	mg/L	108	108	0.0	80-120	20	
Chloride	76.1	100	100	176	177	mg/L	100	101	0.6	80-120	20	
Nitrate, as Nitrogen	ND	9.03	9.03	9.48	9.63	mg/L	105	107	1.6	80-120	20	
Nitrate, as NO3	ND	40	40	42.0	42.7	mg/L	105	107	1.7	80-120	20	
Nitrite, as Nitrogen	0.212	9.15	9.15	10.4	10.5	mg/L	111	112	1.0	80-120	20	
Nitrite, as NO2	0.697	30	30	34.2	34.4	mg/L	112	112	0.6	80-120	20	
Sulfate	12.8	50	50	65.5	65.9	mg/L	105	106	0.6	80-120	20	

QCBatchID:	**QC1199157**	**Analyst:**	wei	**Method:**	SM 4500-H+B
Matrix:	Water	**Analyzed:**	12/19/2018	**Instrument:**	CHEM (group)

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1199157DUP1						**Source: 410093-008**
pH	7.20	7.20	pH Units	0.0	20	

QCBatchID: QC1199224 **Analyst:** DNguyen **Method:** SM 2540-C

Matrix: Water **Analyzed:** 12/22/2018 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1199224MB1					
Total Dissolved Solids	ND	mg/L	10	10	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1199224LCS1											
Total Dissolved Solids	3000		3000		mg/L	100			90-110		

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1199224DUP1						**Source: 410093-005**
Total Dissolved Solids	5710	5710	mg/L	0.0	5	

QCBatchID: QC1199236 **Analyst:** trinh **Method:** SM 4500-NH3-G

Matrix: Water **Analyzed:** 12/20/2018 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1199236MB1					
Total Kjeldahl Nitrogen	ND	mg/L	0.052	0.4	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1199236LCS1											
Total Kjeldahl Nitrogen	2.5		2.6		mg/L	104			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1199236MS1, QC1199236MSD1												**Source: 410093-008**
Total Kjeldahl Nitrogen	0.389	12.5	12.5	13	13	mg/L	101	101	0.0	80-120	20	

QCBatchID: QC1199346 **Analyst:** trinh **Method:** SM 4500-NH3-G

Matrix: Water **Analyzed:** 12/26/2018 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1199346MB1					
Ammonia, as Nitrogen	ND	mg/L	0.01	0.1	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1199346LCS1											
Ammonia, as Nitrogen	5		4.98		mg/L	100			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1199346MS1, QC1199346MSD1												**Source: 410049-001**
Ammonia, as Nitrogen	ND	5	5	5.87	5.95	mg/L	117	119	1.4	80-120	20	

QCBatchID: QC1199447 **Analyst:** trinh **Method:** SM 4500-P-B-5-E

Matrix: Water **Analyzed:** 12/28/2018 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1199447MB1					
Total Phosphorous as P	ND	mg/L	0.01	0.02	
Total Phosphorous as PO4	ND	mg/L	0.03	0.06	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1199447LCS1											
Total Phosphorous as P	0.4		0.425		mg/L	106			80-120		
Total Phosphorous as PO4	1.23		1.303		mg/L	106			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1199447MS1, QC1199447MSD1												**Source: 410093-008**
Total Phosphorous as P	0.237	1	1	1.175	1.165	mg/L	94	93	0.9	75-125	20	
Total Phosphorous as PO4	0.727	3.066	3.066	3.60	3.57	mg/L	94	93	0.8	75-125	20	

Data Qualifiers and Definitions

Qualifiers

A	See Report Comments.
B	Analyte was present in an associated method blank.
B1	Analyte was present in a sample and associated method blank greater than MDL but less than RDL.
BQ1	No valid test replicates. Sample Toxicity is possible. Best result was reported.
BQ2	No valid test replicates.
BQ3	No valid test replicates. Final DO is less than 1.0 mg/L. Result may be greater.
BQ4	Minor Dissolved Oxygen loss was observed in the blank water check, however, the LCS was within criteria, validating the batch.
BQ5	Minor Dissolved Oxygen loss was observed in the blank water check.
C	Possible laboratory contamination.
D	RPD was not within control limits. The sample data was reported without further clarification.
D1	Lesser amount of sample was used due to insufficient amount of sample supplied.
D2	Reporting limit is elevated due to sample matrix. Target analyte was not detected above the elevated reporting limit.
D3	Insufficient sample was supplied for TCLP. Client was notified. TCLP was performed per the Client's instructions.
DW	Sample result is calculated on a dry weigh basis.
E	Concentration is estimated because it exceeds the quantification limits of the method.
I	The sample was read outside of the method required incubation period.
IR	Inconclusive Result. Legionella is present, however, there is possible non-specific agglutination preventing specific identification.
J	Reported value is estimated
L	The laboratory control sample (LCS) or laboratory control sample duplicate (LCSD) was out of control limits. Associated sample data was reported with qualifier.
L2	LCS did not meet recovery criteria, however, the MS and/or MSD met LCS recovery criteria, validating the batch.
M	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits due to matrix interference. The associated LCS and/or LCSD was within control limits and the sample data was reported without further clarification.
M1	The matrix spike (MS) or matrix spike duplicate (MSD) is not within control limits due to matrix interference.
M2	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits. The associated LCS and/or LCSD was not within control limits. Sample result is estimated.
N1	Sample chromatography does not match the specified TPH standard pattern.
NC	The analyte concentration in the sample exceeded the spike level by a factor of four or greater, spike recovery and limits do not apply.
P	Sample was received without proper preservation according to EPA guidelines.
P1	Temperature of sample storage refrigerator was out of acceptance limits.
P2	The sample was preserved within 24 hours of collection in accordance with EPA 218.6.
P3	Per Client request, sample was composited for volatile analysis. Sample compositing for volatile analysis is not recommended due to potential loss of target analytes. Results may be biased low.
Q1	Analyte Calibration Verification exceeds criteria. The result is estimated.
Q2	Analyte calibration was not verified and the result was estimated.
Q3	Analyte initial calibration was not available or exceeds criteria. The result was estimated.
S	The surrogate recovery was out of control limits due to matrix interference. The associated method blank surrogate recovery was within control limits and the sample data was reported without further clarification.
S1	The associated surrogate recovery was out of control limits; result is estimated.
S2	The surrogate was diluted out due to the presence of high concentrations of target and/or non-target compounds. Surrogate recoveries in the associated batch QC met recovery criteria.
S3	Internal Standard did not meet recovery limits. Analyte concentration is estimated.
T	Sample was extracted/analyzed past the holding time.
T1	Reanalysis was reported past hold time due to failing replicates in the original analysis (BOD only).
T2	Sample was analyzed ASAP but received and analyzed past the 15 minute holding time.
T3	Sample received and analyzed out of hold time per client's request.
T4	Sample was analyzed out of hold time per client's request.
T5	Reanalysis was reported past hold time. The original analysis was within hold time, but not reportable.
T6	Hold time is indeterminable due to unspecified sampling time.
T7	Sample was analyzed past hold time due to insufficient time remaining at time of receipt.

Definitions

DF	Dilution Factor
MDL	Method Detection Limit. Result is reported ND when it is less than or equal to MDL.
ND	Analyte was not detected or was less than the detection limit.
NR	Not Reported. See Report Comments.
RDL	Reporting Detection Limit
TIC	Tentatively Identified Compounds

ENTHALPHY ANALYTICAL, INC.	Chain of Custody Record	Turn Around Time (Rush by advanced notice only)
931 W. Barkley Ave., Orange, CA 92868	Lab No: 410093	Standard: X 4 Day: 3 Day:
Phone: (714) 771-6900 Fax: (714) 538-1209	Page: 1 of 1	2 Day: 1 Day: Same Day:
Billing: Enthalpy - SoCal	**Matrix:** A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other	**Preservatives:** 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other
c/o Montrose Environmental Group		
1 Park Plaza, Suite 1000, Irvine, CA 92614		

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Rincon Consultants	Name:	Malibu - Quarterly (re-sample)
Report To:	Kiernan Brtalik	Number:	Ground Water
Email:	KBRtalik@RinconConsultants.com	P.O. #:	
Address:	180 N. Ashwood Ave.	Address:	
	Ventura, CA 93003		
Phone:	805-6444455	Global ID:	
Cell:		Sampled By:	Peter Doran

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Total /Fecal Coliforms - SM 9223 Quantitray	EPA 300.0: NO2,NO3	TKN; NH3; Phosphorus	TDS, Organic Nitrogen, Total Nitrogen	pH						Test Instructions / Comments
1	LAMW-5S	12.18.16	1000	W	5/VARIOUS	VARIOUS	X	X	X	X	X						
2	SMBRP-9	12.18.16	0950				X	X	X	X	X						
3	SMBRP-11	12.18.16	1115				X	X	X	X	X						
4	SMBRP-12	12.18.16	1230				X	X	X	X	X						
5	MCWP-MW04S	12.18.16	1130				X	X	X	X	X						
	~~MCWP-MW04D~~						X	X	X	X	X						PD
6	MCWP-MW07S	12.18.16	1030	W	5/VARIOUS	VARIOUS	X	X	X	X	X						
7	MCWP-MW07D	12.18.16	1105				X	X	X	X	X						
8	MCWP-MW09	12.18.16	1240				X	X	X	X	X						

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		PETER DORAN	RINCON / ES	12.18.16 / 1300
1 Received By:		KEVIN Gu	Enthalpy	12/18/16 1300
2 Relinquished By:			Enthalpy	12/18/16 1605
2 Received By:				12/18/16 1605
3 Relinquished By:				
3 Received By:				

12.20-3 7:41 AR

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Rincon Consultants Project: Malibu Quarterly

Date Received: 12/18/18 Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 2 ☐ No (skip section 2) Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 1.2 #2: 2.4 #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: _____

Section 3

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 2.4 #2: 1.0 #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?	✓		
Are custody seals present?		✓	
If custody seals are present, were they intact?			✓
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)	✓		
Did all samples arrive intact? If no, indicate in Section 4 below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were the samples collected in the correct containers for the required tests?	✓		
Are the containers labeled with the correct preservatives?	✓		
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✓
Was a sufficient amount of sample submitted for the requested tests?	✓		

Section 5 Explanations/Comments

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____

☐ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: 12/18/18

Enthalpy Analytical, LLC
931 W. Barkley Ave - Orange, CA 92868
Tel: (714)771-6900 Fax: (714)538-1209
www.enthalpy.com
info-sc@enthalpy.com

MONTROSE ENVIRONMENTAL

Client: Rincon Consultants - Ventura
Address: 180 North Ashwood Ave.
Ventura, CA 93003

Attn: Kiernan Brtalik

Comments: Malibu-Quarterly (Re-sample)
Surface Water

Lab Request: 410143
Report Date: 12/31/2018
Date Received: 12/19/2018
Client ID: 15888

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods. Methods accredited by NELAC are indicated on the report. This cover letter is an integral part of the final report.

Sample #	Client Sample ID
410143-001	N-001
410143-002	N-002
410143-003	N-003
410143-004	N-004
410143-005	L-001
410143-006	L-002
410143-007	L-003
410143-008	L-004
410143-009	L-005
410143-010	L-006

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

Ranjit K. K. Clarke

Report Review performed by: Ranjit Clarke, Project Manager

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 60 days from date received.

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ACCREDITED IN ACCORDANCE WITH nelac

Matrix: Water **Client:** Rincon Consultants - Ventura **Collector:** Client
Sampled: 12/19/2018 11:50 **Site:**
Sample #: **410143-001** **Client Sample #:** N-001 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024 Prep Method: None							QCBatchID:		
Total Organic Nitrogen	ND	1	0.04	0.5	mg/L		12/31/18	SLL	
Method: ALCH 4025 Prep Method: None							QCBatchID:		
Total Nitrogen	ND	1	0.1	0.5	mg/L		12/31/18	SLL	
Method: EPA 300.0 Prep Method: Method							QCBatchID:		QC1199219
Nitrate + Nitrite, as Nitrogen	ND	1	0.018	0.1	mg/L	12/19/18	12/19/18 21:26	JP	
Nitrate, as Nitrogen	ND	1	0.012	0.1	mg/L	12/19/18	12/19/18 21:26	JP	
Nitrite, as Nitrogen	ND	1	0.018	0.1	mg/L	12/19/18	12/19/18 21:26	JP	
Method: SM 2540-C Prep Method: Method							QCBatchID:		QC1199392
Total Dissolved Solids	**36600**	10	100	100	mg/L	12/26/18	12/27/18	WW	
Method: SM 4500-H+B Prep Method: Method							QCBatchID:		QC1199426
pH	**7.34**	1			pH Units		12/26/18 18:00	WW	T2
Method: SM 4500-NH3-G Prep Method: Method							QCBatchID:		QC1199347
Ammonia, as Nitrogen	ND	1	0.01	0.1	mg/L	12/21/18	12/26/18	TP	
Method: SM 4500-NH3-G Prep Method: SM4500-Norg/Auto							QCBatchID:		QC1199516
Total Kjeldahl Nitrogen	ND	1	0.052	0.4	mg/L	12/29/18	12/30/18	TP	
Method: SM 4500-P-B-5-E Prep Method: 4500-P-B-5							QCBatchID:		QC1199448
Total Phosphorous as P	**0.085**	1	0.01	0.02	mg/L	12/27/18	12/28/18	TP	
Total Phosphorous as PO4	**0.261**	1	0.03	0.06	mg/L	12/27/18	12/28/18	TP	
Method: sm 9223-B-b Prep Method: Method							QCBatchID:		QC1199164
Fecal Coliform	**<1**	1			MPN/100ml	12/19/18 17:30	12/20/18	SEM	
Total Coliform	**2400**	1			MPN/100ml	12/19/18 17:30	12/20/18	SEM	

Matrix: Water **Client:** Rincon Consultants - Ventura **Collector:** Client
Sampled: 12/19/2018 12:00 **Site:**
Sample #: **410143-002** **Client Sample #:** N-002 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024 Prep Method: None							QCBatchID:		
Total Organic Nitrogen	ND	1	0.04	0.5	mg/L		12/31/18	SLL	
Method: ALCH 4025 Prep Method: None							QCBatchID:		
Total Nitrogen	ND	1	0.1	0.5	mg/L		12/31/18	SLL	
Method: EPA 300.0 Prep Method: Method							QCBatchID:		QC1199219
Nitrate + Nitrite, as Nitrogen	ND	1	0.018	0.1	mg/L	12/19/18	12/19/18 21:47	JP	
Nitrate, as Nitrogen	ND	1	0.012	0.1	mg/L	12/19/18	12/19/18 21:47	JP	
Nitrite, as Nitrogen	ND	1	0.018	0.1	mg/L	12/19/18	12/19/18 21:47	JP	
Method: SM 2540-C Prep Method: Method							QCBatchID:		QC1199392
Total Dissolved Solids	**36100**	10	100	100	mg/L	12/26/18	12/27/18	WW	
Method: SM 4500-H+B Prep Method: Method							QCBatchID:		QC1199426
pH	**7.44**	1			pH Units		12/26/18 18:00	WW	T2
Method: SM 4500-NH3-G Prep Method: Method							QCBatchID:		QC1199347
Ammonia, as Nitrogen	ND	1	0.01	0.1	mg/L	12/21/18	12/26/18	TP	
Method: SM 4500-NH3-G Prep Method: SM4500-Norg/Auto							QCBatchID:		QC1199516
Total Kjeldahl Nitrogen	ND	1	0.052	0.4	mg/L	12/29/18	12/30/18	TP	
Method: SM 4500-P-B-5-E Prep Method: 4500-P-B-5							QCBatchID:		QC1199448
Total Phosphorous as P	**0.060**	1	0.01	0.02	mg/L	12/27/18	12/28/18	TP	
Total Phosphorous as PO4	**0.184**	1	0.03	0.06	mg/L	12/27/18	12/28/18	TP	
Method: sm 9223-B-b Prep Method: Method							QCBatchID:		QC1199164
Fecal Coliform	**<1**	1			MPN/100ml	12/19/18 17:30	12/20/18	SEM	
Total Coliform	**>2400**	1			MPN/100ml	12/19/18 17:30	12/20/18	SEM	

Matrix: Water **Client:** Rincon Consultants - Ventura **Collector:** Client
Sampled: 12/19/2018 12:25 **Site:**
Sample #: 410143-003 **Client Sample #:** N-003 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024 Prep Method: None							QCBatchID:		
Total Organic Nitrogen	ND	1	0.04	0.5	mg/L		12/31/18	SLL	
Method: ALCH 4025 Prep Method: None							QCBatchID:		
Total Nitrogen	**0.11 J**	1	0.1	0.5	mg/L		12/31/18	SLL	J
Method: EPA 300.0 Prep Method: Method							QCBatchID:		QC1199219
Nitrate + Nitrite, as Nitrogen	**0.11**	1	0.018	0.1	mg/L	12/19/18	12/19/18 22:09	JP	
Nitrate, as Nitrogen	**0.11**	1	0.012	0.1	mg/L	12/19/18	12/19/18 22:09	JP	
Nitrite, as Nitrogen	ND	1	0.018	0.1	mg/L	12/19/18	12/19/18 22:09	JP	
Method: SM 2540-C Prep Method: Method							QCBatchID:		QC1199392
Total Dissolved Solids	**33600**	10	100	100	mg/L	12/26/18	12/27/18	WW	
Method: SM 4500-H+B Prep Method: Method							QCBatchID:		QC1199426
pH	**7.55**	1			pH Units		12/26/18 18:00	WW	T2
Method: SM 4500-NH3-G Prep Method: Method							QCBatchID:		QC1199347
Ammonia, as Nitrogen	ND	1	0.01	0.1	mg/L	12/21/18	12/26/18	TP	
Method: SM 4500-NH3-G Prep Method: SM4500-Norg/Auto							QCBatchID:		QC1199516
Total Kjeldahl Nitrogen	ND	1	0.052	0.4	mg/L	12/29/18	12/30/18	TP	
Method: SM 4500-P-B-5-E Prep Method: 4500-P-B-5							QCBatchID:		QC1199448
Total Phosphorous as P	**0.084**	1	0.01	0.02	mg/L	12/27/18	12/28/18	TP	
Total Phosphorous as PO4	**0.258**	1	0.03	0.06	mg/L	12/27/18	12/28/18	TP	
Method: sm 9223-B-b Prep Method: Method							QCBatchID:		QC1199164
Fecal Coliform	**9.6**	1			MPN/100ml	12/19/18 17:30	12/20/18	SEM	
Total Coliform	**>2400**	1			MPN/100ml	12/19/18 17:30	12/20/18	SEM	

Matrix: Water **Client:** Rincon Consultants - Ventura **Collector:** Client
Sampled: 12/19/2018 10:50 **Site:**
Sample #: 410143-004 **Client Sample #:** N-004 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024 Prep Method: None							QCBatchID:		
Total Organic Nitrogen	ND	1	0.04	0.5	mg/L		12/31/18	SLL	
Method: ALCH 4025 Prep Method: None							QCBatchID:		
Total Nitrogen	ND	1	0.1	0.5	mg/L		12/31/18	SLL	
Method: EPA 300.0 Prep Method: Method							QCBatchID:		QC1199219
Nitrate + Nitrite, as Nitrogen	ND	1	0.018	0.1	mg/L	12/19/18	12/19/18 22:30	JP	
Nitrate, as Nitrogen	ND	1	0.012	0.1	mg/L	12/19/18	12/19/18 22:30	JP	
Nitrite, as Nitrogen	ND	1	0.018	0.1	mg/L	12/19/18	12/19/18 22:30	JP	
Method: SM 2540-C Prep Method: Method							QCBatchID:		QC1199392
Total Dissolved Solids	**36600**	10	100	100	mg/L	12/26/18	12/27/18	WW	
Method: SM 4500-H+B Prep Method: Method							QCBatchID:		QC1199426
pH	**7.58**	1			pH Units		12/26/18 18:00	WW	T2
Method: SM 4500-NH3-G Prep Method: Method							QCBatchID:		QC1199347
Ammonia, as Nitrogen	ND	1	0.01	0.1	mg/L	12/21/18	12/26/18	TP	
Method: SM 4500-NH3-G Prep Method: SM4500-Norg/Auto							QCBatchID:		QC1199516
Total Kjeldahl Nitrogen	ND	1	0.052	0.4	mg/L	12/29/18	12/30/18	TP	
Method: SM 4500-P-B-5-E Prep Method: 4500-P-B-5							QCBatchID:		QC1199448
Total Phosphorous as P	**0.400**	1	0.01	0.02	mg/L	12/27/18	12/28/18	TP	
Total Phosphorous as PO4	**1.226**	1	0.03	0.06	mg/L	12/27/18	12/28/18	TP	
Method: sm 9223-B-b Prep Method: Method							QCBatchID:		QC1199164
Fecal Coliform	**<1**	1			MPN/100ml	12/19/18 17:30	12/20/18	SEM	
Total Coliform	**>2400**	1			MPN/100ml	12/19/18 17:30	12/20/18	SEM	

Matrix: Water **Client:** Rincon Consultants - Ventura **Collector:** Client
Sampled: 12/19/2018 13:15 **Site:**
Sample #: **410143-005** **Client Sample #:** L-001 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024 Prep Method: None							QCBatchID:		
Total Organic Nitrogen	**0.81**	1	0.04	0.5	mg/L		12/31/18	SLL	
Method: ALCH 4025 Prep Method: None							QCBatchID:		
Total Nitrogen	**3.98**	1	0.1	0.5	mg/L		12/31/18	SLL	
Method: EPA 300.0 Prep Method: Method							QCBatchID: QC1199219		
Nitrate + Nitrite, as Nitrogen	**3.17**	1	0.018	0.1	mg/L	12/19/18	12/19/18 22:52	JP	
Nitrate, as Nitrogen	**3.17**	1	0.012	0.1	mg/L	12/19/18	12/19/18 22:52	JP	
Nitrite, as Nitrogen	ND	1	0.018	0.1	mg/L	12/19/18	12/19/18 22:52	JP	
Method: SM 2540-C Prep Method: Method							QCBatchID: QC1199392		
Total Dissolved Solids	**2260**	2	20	20	mg/L	12/26/18	12/27/18	WW	
Method: SM 4500-H+B Prep Method: Method							QCBatchID: QC1199426		
pH	**7.57**	1			pH Units		12/26/18 18:00	WW	T2
Method: SM 4500-NH3-G Prep Method: Method							QCBatchID: QC1199347		
Ammonia, as Nitrogen	ND	1	0.01	0.1	mg/L	12/21/18	12/26/18	TP	
Method: SM 4500-NH3-G Prep Method: SM4500-Norg/Auto							QCBatchID: QC1199516		
Total Kjeldahl Nitrogen	**0.813**	1	0.052	0.4	mg/L	12/29/18	12/30/18	TP	
Method: SM 4500-P-B-5-E Prep Method: 4500-P-B-5							QCBatchID: QC1199448		
Total Phosphorous as P	**0.903**	1	0.01	0.02	mg/L	12/27/18	12/28/18	TP	
Total Phosphorous as PO4	**2.77**	1	0.03	0.06	mg/L	12/27/18	12/28/18	TP	
Method: sm 9223-B-b Prep Method: Method							QCBatchID: QC1199164		
Fecal Coliform	**41**	1			MPN/100ml	12/19/18 17:30	12/20/18	SEM	
Total Coliform	**>2400**	1			MPN/100ml	12/19/18 17:30	12/20/18	SEM	

Matrix: Water **Client:** Rincon Consultants - Ventura **Collector:** Client
Sampled: 12/19/2018 11:05 **Site:**
Sample #: **410143-006** **Client Sample #:** L-002 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024 Prep Method: None							QCBatchID:		
Total Organic Nitrogen	**0.34 J**	1	0.04	0.5	mg/L		12/31/18	SLL	J
Method: ALCH 4025 Prep Method: None							QCBatchID:		
Total Nitrogen	**2.58**	1	0.1	0.5	mg/L		12/31/18	SLL	
Method: EPA 300.0 Prep Method: Method							QCBatchID: QC1199219		
Nitrate + Nitrite, as Nitrogen	**2.24**	1	0.018	0.1	mg/L	12/19/18	12/19/18 23:56	JP	
Nitrate, as Nitrogen	**2.24**	1	0.012	0.1	mg/L	12/19/18	12/19/18 23:56	JP	
Nitrite, as Nitrogen	ND	1	0.018	0.1	mg/L	12/19/18	12/19/18 23:56	JP	
Method: SM 2540-C Prep Method: Method							QCBatchID: QC1199392		
Total Dissolved Solids	**6360**	10	100	100	mg/L	12/26/18	12/27/18	WW	
Method: SM 4500-H+B Prep Method: Method							QCBatchID: QC1199426		
pH	**7.30**	1			pH Units		12/26/18 18:00	WW	T2
Method: SM 4500-NH3-G Prep Method: Method							QCBatchID: QC1199347		
Ammonia, as Nitrogen	ND	1	0.01	0.1	mg/L	12/21/18	12/26/18	TP	
Method: SM 4500-NH3-G Prep Method: SM4500-Norg/Auto							QCBatchID: QC1199516		
Total Kjeldahl Nitrogen	**0.335 J**	1	0.052	0.4	mg/L	12/29/18	12/30/18	TP	J
Method: SM 4500-P-B-5-E Prep Method: 4500-P-B-5							QCBatchID: QC1199448		
Total Phosphorous as P	**0.985**	5	0.05	0.1	mg/L	12/27/18	12/28/18	TP	
Total Phosphorous as PO4	**3.02**	5	0.15	0.3	mg/L	12/27/18	12/28/18	TP	
Method: sm 9223-B-b Prep Method: Method							QCBatchID: QC1199164		
Fecal Coliform	**58**	1			MPN/100ml	12/19/18 17:30	12/20/18	SEM	
Total Coliform	**>2400**	1			MPN/100ml	12/19/18 17:30	12/20/18	SEM	

Matrix: Water **Client:** Rincon Consultants - Ventura **Collector:** Client
Sampled: 12/19/2018 13:30 **Site:**
Sample #: 410143-007 **Client Sample #:** L-003 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024 Prep Method: None							QCBatchID:		
Total Organic Nitrogen	**0.56**	1	0.04	0.5	mg/L		12/31/18	SLL	
Method: ALCH 4025 Prep Method: None							QCBatchID:		
Total Nitrogen	**2.93**	1	0.1	0.5	mg/L		12/31/18	SLL	
Method: EPA 300.0 Prep Method: Method							QCBatchID: QC1199219		
Nitrate + Nitrite, as Nitrogen	**2.18**	1	0.018	0.1	mg/L	12/19/18	12/20/18 00:18	JP	
Nitrate, as Nitrogen	**2.18**	1	0.012	0.1	mg/L	12/19/18	12/20/18 00:18	JP	
Nitrite, as Nitrogen	ND	1	0.018	0.1	mg/L	12/19/18	12/20/18 00:18	JP	
Method: SM 2540-C Prep Method: Method							QCBatchID: QC1199392		
Total Dissolved Solids	**11600**	10	100	100	mg/L	12/26/18	12/27/18	WW	
Method: SM 4500-H+B Prep Method: Method							QCBatchID: QC1199426		
pH	**7.54**	1			pH Units		12/26/18 18:00	WW	T2
Method: SM 4500-NH3-G Prep Method: Method							QCBatchID: QC1199347		
Ammonia, as Nitrogen	**0.187**	1	0.01	0.1	mg/L	12/21/18	12/26/18	TP	
Method: SM 4500-NH3-G Prep Method: SM4500-Norg/Auto							QCBatchID: QC1199516		
Total Kjeldahl Nitrogen	**0.751**	1	0.052	0.4	mg/L	12/29/18	12/30/18	TP	
Method: SM 4500-P-B-5-E Prep Method: 4500-P-B-5							QCBatchID: QC1199448		
Total Phosphorous as P	**0.945**	5	0.05	0.1	mg/L	12/27/18	12/28/18	TP	
Total Phosphorous as PO4	**2.90**	5	0.15	0.3	mg/L	12/27/18	12/28/18	TP	
Method: sm 9223-B-b Prep Method: Method							QCBatchID: QC1199164		
Fecal Coliform	**150**	1			MPN/100ml	12/19/18 17:30	12/20/18	SEM	
Total Coliform	**>2400**	1			MPN/100ml	12/19/18 17:30	12/20/18	SEM	

Matrix: Water **Client:** Rincon Consultants - Ventura **Collector:** Client
Sampled: 12/19/2018 11:15 **Site:**
Sample #: 410143-008 **Client Sample #:** L-004 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024 Prep Method: None							QCBatchID:		
Total Organic Nitrogen	**0.75**	1	0.04	0.5	mg/L		12/31/18	SLL	
Method: ALCH 4025 Prep Method: None							QCBatchID:		
Total Nitrogen	**1.00**	1	0.1	0.5	mg/L		12/31/18	SLL	
Method: EPA 300.0 Prep Method: Method							QCBatchID: QC1199219		
Nitrate + Nitrite, as Nitrogen	**0.25**	1	0.018	0.1	mg/L	12/19/18	12/20/18 00:39	JP	
Nitrate, as Nitrogen	**0.25**	1	0.012	0.1	mg/L	12/19/18	12/20/18 00:39	JP	
Nitrite, as Nitrogen	ND	1	0.018	0.1	mg/L	12/19/18	12/20/18 00:39	JP	
Method: SM 2540-C Prep Method: Method							QCBatchID: QC1199392		
Total Dissolved Solids	**29300**	10	100	100	mg/L	12/26/18	12/27/18	WW	
Method: SM 4500-H+B Prep Method: Method							QCBatchID: QC1199426		
pH	**7.52**	1			pH Units		12/26/18 18:00	WW	T2
Method: SM 4500-NH3-G Prep Method: Method							QCBatchID: QC1199347		
Ammonia, as Nitrogen	ND	1	0.01	0.1	mg/L	12/21/18	12/26/18	TP	
Method: SM 4500-NH3-G Prep Method: SM4500-Norg/Auto							QCBatchID: QC1199516		
Total Kjeldahl Nitrogen	**0.753**	1	0.052	0.4	mg/L	12/29/18	12/30/18	TP	
Method: SM 4500-P-B-5-E Prep Method: 4500-P-B-5							QCBatchID: QC1199448		
Total Phosphorous as P	**0.280**	1	0.01	0.02	mg/L	12/27/18	12/28/18	TP	
Total Phosphorous as PO4	**0.859**	1	0.03	0.06	mg/L	12/27/18	12/28/18	TP	
Method: sm 9223-B-b Prep Method: Method							QCBatchID: QC1199164		
Fecal Coliform	**140**	1			MPN/100ml	12/19/18 17:30	12/20/18	SEM	
Total Coliform	**>2400**	1			MPN/100ml	12/19/18 17:30	12/20/18	SEM	

Matrix: Water **Client:** Rincon Consultants - Ventura **Collector:** Client
Sampled: 12/19/2018 12:35 **Site:**
Sample #: 410143-009 **Client Sample #:** L-005 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024 Prep Method: None							QCBatchID:		
Total Organic Nitrogen	**0.45 J**	1	0.04	0.5	mg/L		12/31/18	SLL	J
Method: ALCH 4025 Prep Method: None							QCBatchID:		
Total Nitrogen	**2.38**	1	0.1	0.5	mg/L		12/31/18	SLL	
Method: EPA 300.0 Prep Method: Method							QCBatchID:		QC1199219
Nitrate + Nitrite, as Nitrogen	**1.81**	1	0.018	0.1	mg/L	12/19/18	12/20/18 01:01	JP	
Nitrate, as Nitrogen	**1.81**	1	0.012	0.1	mg/L	12/19/18	12/20/18 01:01	JP	
Nitrite, as Nitrogen	ND	1	0.018	0.1	mg/L	12/19/18	12/20/18 01:01	JP	
Method: SM 2540-C Prep Method: Method							QCBatchID:		QC1199392
Total Dissolved Solids	**16500**	10	100	100	mg/L	12/26/18	12/27/18	WW	
Method: SM 4500-H+B Prep Method: Method							QCBatchID:		QC1199426
pH	**7.57**	1			pH Units		12/26/18 18:00	WW	T2
Method: SM 4500-NH3-G Prep Method: Method							QCBatchID:		QC1199347
Ammonia, as Nitrogen	**0.116**	1	0.01	0.1	mg/L	12/21/18	12/26/18	TP	
Method: SM 4500-NH3-G Prep Method: SM4500-Norg/Auto							QCBatchID:		QC1199516
Total Kjeldahl Nitrogen	**0.567**	1	0.052	0.4	mg/L	12/29/18	12/30/18	TP	
Method: SM 4500-P-B-5-E Prep Method: 4500-P-B-5							QCBatchID:		QC1199448
Total Phosphorous as P	**0.883**	1	0.01	0.02	mg/L	12/27/18	12/28/18	TP	
Total Phosphorous as PO4	**2.71**	1	0.03	0.06	mg/L	12/27/18	12/28/18	TP	
Method: sm 9223-B-b Prep Method: Method							QCBatchID:		QC1199164
Fecal Coliform	**180**	1			MPN/100ml	12/19/18 17:30	12/20/18	SEM	
Total Coliform	**>2400**	1			MPN/100ml	12/19/18 17:30	12/20/18	SEM	

Matrix: Water **Client:** Rincon Consultants - Ventura **Collector:** Client
Sampled: 12/19/2018 11:25 **Site:**
Sample #: 410143-010 **Client Sample #:** L-006 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024 Prep Method: None							QCBatchID:		
Total Organic Nitrogen	**1.80**	1	0.04	0.5	mg/L		12/31/18	SLL	
Method: ALCH 4025 Prep Method: None							QCBatchID:		
Total Nitrogen	**1.91**	1	0.1	0.5	mg/L		12/31/18	SLL	
Method: EPA 300.0 Prep Method: Method							QCBatchID:		QC1199219
Nitrate + Nitrite, as Nitrogen	**0.11**	1	0.018	0.1	mg/L	12/19/18	12/20/18 01:22	JP	
Nitrate, as Nitrogen	**0.11**	1	0.012	0.1	mg/L	12/19/18	12/20/18 01:22	JP	
Nitrite, as Nitrogen	ND	1	0.018	0.1	mg/L	12/19/18	12/20/18 01:22	JP	
Method: SM 2540-C Prep Method: Method							QCBatchID:		QC1199392
Total Dissolved Solids	**29000**	10	100	100	mg/L	12/26/18	12/27/18	WW	
Method: SM 4500-H+B Prep Method: Method							QCBatchID:		QC1199426
pH	**7.01**	1			pH Units		12/26/18 18:00	WW	T2
Method: SM 4500-NH3-G Prep Method: Method							QCBatchID:		QC1199347
Ammonia, as Nitrogen	ND	1	0.01	0.1	mg/L	12/21/18	12/26/18	TP	
Method: SM 4500-NH3-G Prep Method: SM4500-Norg/Auto							QCBatchID:		QC1199516
Total Kjeldahl Nitrogen	**1.8**	1	0.052	0.4	mg/L	12/29/18	12/30/18	TP	
Method: SM 4500-P-B-5-E Prep Method: 4500-P-B-5							QCBatchID:		QC1199448
Total Phosphorous as P	**0.277**	1	0.01	0.02	mg/L	12/27/18	12/28/18	TP	
Total Phosphorous as PO4	**0.849**	1	0.03	0.06	mg/L	12/27/18	12/28/18	TP	
Method: sm 9223-B-b Prep Method: Method							QCBatchID:		QC1199164
Fecal Coliform	**1700**	1			MPN/100ml	12/19/18 17:30	12/20/18	SEM	
Total Coliform	**>2400**	1			MPN/100ml	12/19/18 17:30	12/20/18	SEM	

QCBatchID: QC1199219 **Analyst:** JParedes **Method:** EPA 300.0

Matrix: Water **Analyzed:** 12/19/2018 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1199219MB1					
Bromide	ND	mg/L	0.034	0.3	
Chloride	**0.943 J**	mg/L	0.086	1	
Nitrate + Nitrite, as Nitrogen	ND	mg/L	0.018	0.44	
Nitrate, as Nitrogen	ND	mg/L	0.012	0.1	
Nitrite, as Nitrogen	ND	mg/L	0.018	0.1	
Sulfate	ND	mg/L	0.077	0.5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1199219LCS1, QC1199219LCSD1											
Bromide	15	15	15.7	15.7	mg/L	105	105	0	90-110	20	
Chloride	100	100	104	105	mg/L	104	105	1	90-110	20	
Nitrate, as Nitrogen	9.03	9.03	9.27	9.32	mg/L	103	103	1	90-110	20	
Nitrite, as Nitrogen	9.15	9.15	9.62	9.88	mg/L	105	108	3	90-110	20	
Sulfate	50	50	51.2	52.1	mg/L	102	104	2	90-110	20	

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1199219MS1, QC1199219MSD1												**Source: 410081-001**
Bromide	0.301	15	15	16.0	16.0	mg/L	105	105	0.0	80-120	20	
Chloride	74.3	100	100	172	172	mg/L	98	98	0.0	80-120	20	
Nitrate, as Nitrogen	0.0470	9.03	9.03	9.31	9.34	mg/L	103	103	0.3	80-120	20	
Nitrite, as Nitrogen	0.218	9.15	9.15	10.4	10.3	mg/L	111	110	1.0	80-120	20	
Sulfate	13.4	50	50	64.3	64.2	mg/L	102	102	0.2	80-120	20	

QCBatchID: QC1199347 **Analyst:** trinh **Method:** SM 4500-NH3-G

Matrix: Water **Analyzed:** 12/26/2018 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1199347MB1					
Ammonia, as Nitrogen	ND	mg/L	0.01	0.1	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1199347LCS1											
Ammonia, as Nitrogen	5		5.03		mg/L	101			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1199347MS1, QC1199347MSD1												**Source: 409823-001**
Ammonia, as Nitrogen	ND	5	5	6.14	6.23	mg/L	123	125	1.5	80-120	20	M

QCBatchID: QC1199392	**Analyst:** wei		**Method:** SM 2540-C		
Matrix: Water	**Analyzed:** 12/27/2018		**Instrument:** CHEM (group)		

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1199392MB1					
Total Dissolved Solids	ND	mg/L	10	10	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1199392LCS1											
Total Dissolved Solids	100		94.0		mg/L	94			90-110		

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1199392DUP1						**Source: 410143-005**
Total Dissolved Solids	2260	2350	mg/L	3.9	5	

QCBatchID:	**QC1199426**	**Analyst:**	wei	**Method:**	SM 4500-H+B
Matrix:	Water	**Analyzed:**	12/26/2018	**Instrument:**	CHEM (group)

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1199426DUP1						**Source: 410143-010**
pH	7.01	7.00	pH Units	0.1	20	

QCBatchID: QC1199448 **Analyst:** trinh **Method:** SM 4500-P-B-5-E

Matrix: Water **Analyzed:** 12/28/2018 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1199448MB1					
Total Phosphorous as P	ND	mg/L	0.01	0.02	
Total Phosphorous as PO4	ND	mg/L	0.03	0.06	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1199448LCS1											
Total Phosphorous as P	0.4		0.382		mg/L	96			80-120		
Total Phosphorous as PO4	1.23		1.170		mg/L	95			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1199448MS1, QC1199448MSD1												**Source: 410355-001**
Total Phosphorous as P	0.011	0.4	0.4	0.446	0.455	mg/L	109	111	2.0	75-125	20	
Total Phosphorous as PO4	0.034	1.23	1.23	1.370	1.395	mg/L	109	111	1.8	75-125	20	

QCBatchID: QC1199516 **Analyst:** trinh **Method:** SM 4500-NH3-G

Matrix: Water **Analyzed:** 12/30/2018 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1199516MB1					
Total Kjeldahl Nitrogen	ND	mg/L	0.052	0.4	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1199516LCS1, QC1199516LCSD1											
Total Kjeldahl Nitrogen	2.5	2.5	3.0	3.0	mg/L	120	120	0	80-120	20	

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1199516MS1, QC1199516MSD1												**Source: 410292-003**
Total Kjeldahl Nitrogen	0.620	12.5	12.5	18	19	mg/L	139	147	5.4	80-120	20	M

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1199516DUP1						**Source: 410292-003**
Total Kjeldahl Nitrogen	0.620	0.647	mg/L	4.3	20	

Data Qualifiers and Definitions

Qualifiers

A	See Report Comments.
B	Analyte was present in an associated method blank.
B1	Analyte was present in a sample and associated method blank greater than MDL but less than RDL.
BQ1	No valid test replicates. Sample Toxicity is possible. Best result was reported.
BQ2	No valid test replicates.
BQ3	No valid test replicates. Final DO is less than 1.0 mg/L. Result may be greater.
BQ4	Minor Dissolved Oxygen loss was observed in the blank water check, however, the LCS was within criteria, validating the batch.
BQ5	Minor Dissolved Oxygen loss was observed in the blank water check.
C	Possible laboratory contamination.
D	RPD was not within control limits. The sample data was reported without further clarification.
D1	Lesser amount of sample was used due to insufficient amount of sample supplied.
D2	Reporting limit is elevated due to sample matrix. Target analyte was not detected above the elevated reporting limit.
D3	Insufficient sample was supplied for TCLP. Client was notified. TCLP was performed per the Client's instructions.
DW	Sample result is calculated on a dry weigh basis.
E	Concentration is estimated because it exceeds the quantification limits of the method.
I	The sample was read outside of the method required incubation period.
IR	Inconclusive Result. Legionella is present, however, there is possible non-specific agglutination preventing specific identification.
J	Reported value is estimated
L	The laboratory control sample (LCS) or laboratory control sample duplicate (LCSD) was out of control limits. Associated sample data was reported with qualifier.
L2	LCS did not meet recovery criteria, however, the MS and/or MSD met LCS recovery criteria, validating the batch.
M	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits due to matrix interference. The associated LCS and/or LCSD was within control limits and the sample data was reported without further clarification.
M1	The matrix spike (MS) or matrix spike duplicate (MSD) is not within control limits due to matrix interference.
M2	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits. The associated LCS and/or LCSD was not within control limits. Sample result is estimated.
N1	Sample chromatography does not match the specified TPH standard pattern.
NC	The analyte concentration in the sample exceeded the spike level by a factor of four or greater, spike recovery and limits do not apply.
P	Sample was received without proper preservation according to EPA guidelines.
P1	Temperature of sample storage refrigerator was out of acceptance limits.
P2	The sample was preserved within 24 hours of collection in accordance with EPA 218.6.
P3	Per Client request, sample was composited for volatile analysis. Sample compositing for volatile analysis is not recommended due to potential loss of target analytes. Results may be biased low.
Q1	Analyte Calibration Verification exceeds criteria. The result is estimated.
Q2	Analyte calibration was not verified and the result was estimated.
Q3	Analyte initial calibration was not available or exceeds criteria. The result was estimated.
S	The surrogate recovery was out of control limits due to matrix interference. The associated method blank surrogate recovery was within control limits and the sample data was reported without further clarification.
S1	The associated surrogate recovery was out of control limits; result is estimated.
S2	The surrogate was diluted out due to the presence of high concentrations of target and/or non-target compounds. Surrogate recoveries in the associated batch QC met recovery criteria.
S3	Internal Standard did not meet recovery limits. Analyte concentration is estimated.
T	Sample was extracted/analyzed past the holding time.
T1	Reanalysis was reported past hold time due to failing replicates in the original analysis (BOD only).
T2	Sample was analyzed ASAP but received and analyzed past the 15 minute holding time.
T3	Sample received and analyzed out of hold time per client's request.
T4	Sample was analyzed out of hold time per client's request.
T5	Reanalysis was reported past hold time. The original analysis was within hold time, but not reportable.
T6	Hold time is indeterminable due to unspecified sampling time.
T7	Sample was analyzed past hold time due to insufficient time remaining at time of receipt.

Definitions

DF	Dilution Factor
MDL	Method Detection Limit. Result is reported ND when it is less than or equal to MDL.
ND	Analyte was not detected or was less than the detection limit.
NR	Not Reported. See Report Comments.
RDL	Reporting Detection Limit
TIC	Tentatively Identified Compounds

Ranjit Clarke

From: Kiernan Brtalik
Sent: Wednesday, December 05, 2018 9:50 AM
To: Ranjit Clarke
Cc: Dennis Dorning; Torin Snyder; Peter Doran; Jaime McClain
Subject: Malibu Civic Center Resampling

Hi Ranjit,

Hope this message finds you well. I'm circling back on our conversation regarding the resampling activities for Civic Center.

We'd like to mobilize for sampling the week of December 17th, with sample collection occurring on 12/18 and 12/19 for both the groundwater monitoring wells and surface water locations (with courier service on those two days). As I mentioned, we will integrate the first day into our monthly elevation monitoring activities, but will need to recover the cost for two days of sampling. This will include 2 samplers and equipment for 2 days (groundwater), plus an additional 2 samplers and equipment for 1 day (surface water).

After a discussion with Dennis, we'd like to run the following analyses, which include constituents that can influence bacteria results:

1. Total and fecal coliform
2. Organic nitrogen
3. Ammonia
4. Nitrite as nitrogen
5. Nitrate as nitrogen
6. TKN
7. Total nitrogen
8. Total phosphorous
9. Total dissolved solids
10. pH

Can we plan to receive bottles by 12/14 for mobilization the following week?

Thank you,
Kiernan

Kiernan Brtalik, CPSWQ, QSP / D
Environmental Scientist

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MONTROSE ENVIRONMENTAL

Client: Rincon Consultants - Ventura
Address: 180 North Ashwood Ave.
Ventura, CA 93003

Attn: Kiernan Brtalik

Comments: Malibu- Quarterly (re-sample)
Ground Water

Lab Request: 410144
Report Date: 12/31/2018
Date Received: 12/19/2018
Client ID: 15888

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods. Methods accredited by NELAC are indicated on the report. This cover letter is an integral part of the final report.

Sample #	Client Sample ID
410144-001	MCWP-MW04D

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

Ranjit K. K. Clarke

Report Review performed by: Ranjit Clarke, Project Manager

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 60 days from date received.

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ACCREDITED IN ACCORDANCE WITH nelac

Matrix:	Water	**Client:**	Rincon Consultants - Ventura	**Collector:**	Client
Sampled:	12/19/2018 12:30	**Site:**			
Sample #:	**410144-001**	**Client Sample #:**	MCWP-MW04D	**Sample Type:**	

Analyte	Result	DF	RDL	Units	Prepared	Analyzed	By	Notes
Method: ALCH 4024	Prep Method: None					QCBatchID:		
Total Organic Nitrogen	ND	1	0.5	mg/L		12/31/18	SLL	
Method: ALCH 4025	Prep Method: None					QCBatchID:		
Total Nitrogen	**2.09**	1	0.5	mg/L		12/31/18	SLL	
Method: EPA 300.0	Prep Method: Method					QCBatchID:		QC1199219
Nitrate + Nitrite, as Nitrogen	**1.84**	1	0.1	mg/L	12/19/18	12/20/18 01:44	JP	
Nitrate, as Nitrogen	**1.84**	1	0.1	mg/L	12/19/18	12/20/18 01:44	JP	
Nitrite, as Nitrogen	ND	1	0.1	mg/L	12/19/18	12/20/18 01:44	JP	
Method: SM 2540-C	Prep Method: Method					QCBatchID:		QC1199223
Total Dissolved Solids	**1170**	2	20	mg/L	12/21/18	12/22/18	DXN	
Method: SM 4500-H+B	Prep Method: Method					QCBatchID:		QC1199417
pH	**6.55**	1		pH Units		12/27/18 18:00	WW	T2
Method: SM 4500-NH3-G	Prep Method: Method					QCBatchID:		QC1199346
Ammonia, as Nitrogen	ND	1	0.1	mg/L	12/21/18	12/26/18	TP	
Method: SM 4500-NH3-G	Prep Method: SM4500-Norg/Auto					QCBatchID:		QC1199516
Total Kjeldahl Nitrogen	ND	1	0.4	mg/L	12/29/18	12/30/18	TP	
Method: SM 4500-P-B-5-E	Prep Method: 4500-P-B-5					QCBatchID:		QC1199447
Total Phosphorous as P	**0.296**	1	0.02	mg/L	12/27/18	12/28/18	TP	
Total Phosphorous as PO4	**0.908**	1	0.06	mg/L	12/27/18	12/28/18	TP	
Method: sm 9223-B-b	Prep Method: Method					QCBatchID:		QC1199164
Fecal Coliform	**1.0**	1		MPN/100ml	12/19/18 17:30	12/20/18	SEM	
Total Coliform	**190**	1		MPN/100ml	12/19/18 17:30	12/20/18	SEM	

QCBatchID: QC1199219 **Analyst:** JParedes **Method:** EPA 300.0

Matrix: Water **Analyzed:** 12/19/2018 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result	Units		RDL	Notes
QC1199219MB1					
Bromide	ND	mg/L		0.3	
Chloride	ND	mg/L		1	
Nitrate + Nitrite, as Nitrogen	ND	mg/L		0.44	
Nitrate, as Nitrogen	ND	mg/L		0.1	
Nitrite, as Nitrogen	ND	mg/L		0.1	
Sulfate	ND	mg/L		0.5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1199219LCS1, QC1199219LCSD1											
Bromide	15	15	15.7	15.7	mg/L	105	105	0	90-110	20	
Chloride	100	100	104	105	mg/L	104	105	1	90-110	20	
Nitrate, as Nitrogen	9.03	9.03	9.27	9.32	mg/L	103	103	1	90-110	20	
Nitrite, as Nitrogen	9.15	9.15	9.62	9.88	mg/L	105	108	3	90-110	20	
Sulfate	50	50	51.2	52.1	mg/L	102	104	2	90-110	20	

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1199219MS1, QC1199219MSD1												**Source: 410081-001**
Bromide	0.301	15	15	16.0	16.0	mg/L	105	105	0.0	80-120	20	
Chloride	74.3	100	100	172	172	mg/L	98	98	0.0	80-120	20	
Nitrate, as Nitrogen	0.0470	9.03	9.03	9.31	9.34	mg/L	103	103	0.3	80-120	20	
Nitrite, as Nitrogen	0.218	9.15	9.15	10.4	10.3	mg/L	111	110	1.0	80-120	20	
Sulfate	13.4	50	50	64.3	64.2	mg/L	102	102	0.2	80-120	20	

QCBatchID: QC1199223	**Analyst:** DNguyen		**Method:** SM 2540-C		
Matrix: Water	**Analyzed:** 12/22/2018		**Instrument:** CHEM (group)		

Blank Summary

Analyte	Blank Result	Units		RDL	Notes
QC1199223MB1					
Total Dissolved Solids	ND	mg/L		10	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1199223LCS1											
Total Dissolved Solids	95		96.0		mg/L	101			90-110		

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1199223DUP1						**Source: 410085-001**
Total Dissolved Solids	302	302	mg/L	0.0	5	

QCBatchID: QC1199346 **Analyst:** trinh **Method:** SM 4500-NH3-G

Matrix: Water **Analyzed:** 12/26/2018 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units		RDL	Notes	
QC1199346MB1						
Ammonia, as Nitrogen	ND	mg/L		0.1		

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1199346LCS1											
Ammonia, as Nitrogen	5		4.98		mg/L	100			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1199346MS1, QC1199346MSD1												**Source: 410049-001**
Ammonia, as Nitrogen	ND	5	5	5.87	5.95	mg/L	117	119	1.4	80-120	20	

QCBatchID:	**QC1199417**	**Analyst:**	wei	**Method:**	SM 4500-H+B
Matrix:	Water	**Analyzed:**	12/27/2018	**Instrument:**	CHEM (group)

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1199417DUP1						**Source: 409956-001**
pH	6.84	6.85	pH Units	0.1	20	

QCBatchID: QC1199447 **Analyst:** trinh **Method:** SM 4500-P-B-5-E

Matrix: Water **Analyzed:** 12/28/2018 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units		RDL	Notes
QC1199447MB1					
Total Phosphorous as P	ND	mg/L		0.02	
Total Phosphorous as PO4	ND	mg/L		0.06	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1199447LCS1											
Total Phosphorous as P	0.4		0.425		mg/L	106			80-120		
Total Phosphorous as PO4	1.23		1.303		mg/L	106			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1199447MS1, QC1199447MSD1												**Source: 410093-008**
Total Phosphorous as P	0.237	1	1	1.175	1.165	mg/L	94	93	0.9	75-125	20	
Total Phosphorous as PO4	0.727	3.066	3.066	3.60	3.57	mg/L	94	93	0.8	75-125	20	

QCBatchID: QC1199516 **Analyst:** trinh **Method:** SM 4500-NH3-G

Matrix: Water **Analyzed:** 12/30/2018 **Instrument:** CHEM (group)

Blank Summary

Analyte	Blank Result	Units		RDL	Notes	
QC1199516MB1						
Total Kjeldahl Nitrogen	ND	mg/L		0.4		

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1199516LCS1, QC1199516LCSD1											
Total Kjeldahl Nitrogen	2.5	2.5	3.0	3.0	mg/L	120	120	0	80-120	20	

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1199516MS1, QC1199516MSD1												**Source: 410292-003**
Total Kjeldahl Nitrogen	0.620	12.5	12.5	18	19	mg/L	139	147	5.4	80-120	20	M

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1199516DUP1						**Source: 410292-003**
Total Kjeldahl Nitrogen	0.620	0.647	mg/L	4.3	20	

Data Qualifiers and Definitions

Qualifiers

A	See Report Comments.
B	Analyte was present in an associated method blank.
B1	Analyte was present in a sample and associated method blank greater than MDL but less than RDL.
BQ1	No valid test replicates. Sample Toxicity is possible. Best result was reported.
BQ2	No valid test replicates.
BQ3	No valid test replicates. Final DO is less than 1.0 mg/L. Result may be greater.
BQ4	Minor Dissolved Oxygen loss was observed in the blank water check, however, the LCS was within criteria, validating the batch.
BQ5	Minor Dissolved Oxygen loss was observed in the blank water check.
C	Possible laboratory contamination.
D	RPD was not within control limits. The sample data was reported without further clarification.
D1	Lesser amount of sample was used due to insufficient amount of sample supplied.
D2	Reporting limit is elevated due to sample matrix. Target analyte was not detected above the elevated reporting limit.
D3	Insufficient sample was supplied for TCLP. Client was notified. TCLP was performed per the Client's instructions.
DW	Sample result is calculated on a dry weigh basis.
E	Concentration is estimated because it exceeds the quantification limits of the method.
I	The sample was read outside of the method required incubation period.
IR	Inconclusive Result. Legionella is present, however, there is possible non-specific agglutination preventing specific identification.
J	Reported value is estimated
L	The laboratory control sample (LCS) or laboratory control sample duplicate (LCSD) was out of control limits. Associated sample data was reported with qualifier.
L2	LCS did not meet recovery criteria, however, the MS and/or MSD met LCS recovery criteria, validating the batch.
M	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits due to matrix interference. The associated LCS and/or LCSD was within control limits and the sample data was reported without further clarification.
M1	The matrix spike (MS) or matrix spike duplicate (MSD) is not within control limits due to matrix interference.
M2	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits. The associated LCS and/or LCSD was not within control limits. Sample result is estimated.
N1	Sample chromatography does not match the specified TPH standard pattern.
NC	The analyte concentration in the sample exceeded the spike level by a factor of four or greater, spike recovery and limits do not apply.
P	Sample was received without proper preservation according to EPA guidelines.
P1	Temperature of sample storage refrigerator was out of acceptance limits.
P2	The sample was preserved within 24 hours of collection in accordance with EPA 218.6.
P3	Per Client request, sample was composited for volatile analysis. Sample compositing for volatile analysis is not recommended due to potential loss of target analytes. Results may be biased low.
Q1	Analyte Calibration Verification exceeds criteria. The result is estimated.
Q2	Analyte calibration was not verified and the result was estimated.
Q3	Analyte initial calibration was not available or exceeds criteria. The result was estimated.
S	The surrogate recovery was out of control limits due to matrix interference. The associated method blank surrogate recovery was within control limits and the sample data was reported without further clarification.
S1	The associated surrogate recovery was out of control limits; result is estimated.
S2	The surrogate was diluted out due to the presence of high concentrations of target and/or non-target compounds. Surrogate recoveries in the associated batch QC met recovery criteria.
S3	Internal Standard did not meet recovery limits. Analyte concentration is estimated.
T	Sample was extracted/analyzed past the holding time.
T1	Reanalysis was reported past hold time due to failing replicates in the original analysis (BOD only).
T2	Sample was analyzed ASAP but received and analyzed past the 15 minute holding time.
T3	Sample received and analyzed out of hold time per client's request.
T4	Sample was analyzed out of hold time per client's request.
T5	Reanalysis was reported past hold time. The original analysis was within hold time, but not reportable.
T6	Hold time is indeterminable due to unspecified sampling time.
T7	Sample was analyzed past hold time due to insufficient time remaining at time of receipt.

Definitions

DF	Dilution Factor
MDL	Method Detection Limit. Result is reported ND when it is less than or equal to MDL.
ND	Analyte was not detected or was less than the detection limit.
NR	Not Reported. See Report Comments.
RDL	Reporting Detection Limit
TIC	Tentatively Identified Compounds

ENTHALPHY ANALYTICAL, INC.	Chain of Custody Record	Turn Around Time (Rush by advanced notice only)
931 W. Barkley Ave., Orange, CA 92868	Lab No: 410144	Standard: X / 4 Day: / 3 Day:
Phone: (714) 771-6900 Fax: (714) 538-1209	Page: 1 of 1	2 Day: / 1 Day: / Same Day:
Billing: Enthalpy - SoCal	Matrix: A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other	Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other
c/o Montrose Environmental Group		
1 Park Plaza, Suite 1000, Irvine, CA 92614		

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Rincon Consultants	Name:	Malibu - Quarterly (re-sample)
Report To:	Kiernan Brtalik	Number:	Ground Water
Email:		P.O. #:	
Address:	180 N. Ashwood Ave.	Address:	
	Ventura, CA 93003		
Phone:	805 6444455	Global ID:	
Cell:		Sampled By:	PETER DORAN

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Total /Fecal Coliforms - SM 9223 Quantitray	EPA 300.0: NO2,NO3	TKN; NH3; Phosphorus	TDS, Organic Nitrogen, Total Nitrogen	pH	Test Instructions / Comments
~~LAMW-5S~~						X	X	X	X	X	
~~SMBRP-9~~						X	X	X	X	X	
~~SMBRP-11~~						X	X	X	X	X	
~~SMBRP-12~~						X	X	X	X	X	
~~MCWP-MW04S~~						X	X	X	X	X	
MCWP-MW04D	12.19.18	1230	W	5/VARIOUS	VARIOUS	X	X	X	X	X	
~~MCWP-MW07S~~						X	X	X	X	X	
~~MCWP-MW07D~~						X	X	X	X	X	
~~MCWP-MW09~~						X	X	X	X	X	

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		PETER DORAN	Rincon / ES	12.19.18 / 1325
[1] Received By:			Enthalpy	12/19/18 1325
[2] Relinquished By:			Enthalpy	12/19/18 1645
[2] Received By:		Christine Castro	EA	12/19/18 1645
[3] Relinquished By:				
[3] Received By:				

8.4/24 7.9/24

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Rincon Project: _____

Date Received: 12/19/18 Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 2 ☐ No (skip section 2) Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 8.4 #2: 7.9 #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: _____

Section 3

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 2.4 #2: 2.4 #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?	✓		
Are custody seals present?		✓	
If custody seals are present, were they intact?			✓
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)			✓
Did all samples arrive intact? If no, indicate in Section 4 below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were the samples collected in the correct containers for the required tests?	✓		
Are the containers labeled with the correct preservatives?	✓		
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✓
Was a sufficient amount of sample submitted for the requested tests?	✓		

Section 5 Explanations/Comments

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____

☐ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: 12/19/18

			ACCREDITED FIELD OF TESTING (FOT)																											
LABORATORY	**ELAP**	**EXPIRES**	**101**	**102**	**103**	**104**	**105**	**106**	**107**	**108**	**109**	**110**	**111**	**112**	**113**	**114**	**115**	**116**	**117**	**118**	**119**	**120**	**121**	**122**	**123**	**124**	**125**	**126**	**127**	**128**	**129**
AmeriSci	2508	06/30/2019																					X								
CERES Analytical Laboratory	2933	02/03/2019					X						X						X												
Enthalpy Analytical	2896	01/31/2019		X						X	X	X	X			X	X	X	X			X									
Eurofins Calscience	2944	09/30/2019		X	X	X				X	X	X	X			X	X	X	X		X	X									
Fruit Growers Laboratory	1573	07/31/2019	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X									X			
LA Testing	1406	02/22/2020														X	X					X	X								
North Coast Laboratories	1247	07/31/2020	X	X	X	X	X		X	X	X	X	X			X	X	X	X												
Pace Analytical Services	2928	06/30/2019						X		X	X	X	X			X	X	X	X			X									
Pat-Chem Laboratories	1531	05/31/2019	X	X	X	X	X		X	X	X	X	X			X	X	X	X			X						X			
Weck Laboratories	1132	03/31/2019	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X			X						X			

FOT KEY:

E101 - Microbiology of Drinking Water
E102 - Inorganic Chemistry of Drinking Water
E103 - Toxic Chemical Elements of Drinking Water
E104 - Volatile Organic Chemistry of Drinking Water
E105 - Semi-volatile Organic Chemistry of Drinking Water
E106 - Radiochemistry of Drinking Water
E107 - Microbiology of Wastewater
E108 - Inorganic Chemistry of Wastewater
E109 - Toxic Chemical Elements of Wastewater
E110 - Volatile Organic Chemistry of Wastewater
E111 - Semi-volatile Organic Chemistry of Wastewater
E112 - Radiochemistry of Wastewater
E113 - Whole Effluent Toxicity of Wastewater
E114 - Inorganic Chemistry & Toxic Chemical Elements of Hazardous Waste
E115 - Extraction Test of Hazardous Waste

E116 - Volatile Organic Chemistry of Hazardous Waste
E117 - Semi-volatile Organic Chemistry of Hazardous Waste
E118 - Radiochemistry of Hazardous Waste
E119 - Toxicity Bioassay of Hazardous Waste
E120 - Physical Properties of Hazardous Waste
E121 - Bulk Asbestos Analysis of Hazardous Waste
E122 - Microbiology of Food (under development)
E123 - Inorganic Chemistry and Toxic Chemical Elements of Pesticide Residues in Food (under development)
E124 - Organic Chemistry of Pesticide Residues in Food (measurements by MS techniques)
E125 - Organic Chemistry of Pesticide Residues in Food (excluding measurements by MS techniques)
E126 - Microbiology of Recreational Water
E127 - Shellfish Sanitation
E128 - Air Quality Monitoring (under development)
E129 - Parasites in Potable Water

CALIFORNIA STATE
ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM
Accredited Fields of Testing

America Science Team of Richmond, Inc. dba AmeriSci Richmond

13635 Genito Road
Midlothian, VA 23112
Phone: (804) 763-1200

Certificate No. **2508**
Expiration Date **6/30/2019**

Field of Testing: 121 - Bulk Asbestos Analysis of Hazardous Waste

121.010	001	Bulk Asbestos	EPA 600/M4-82-020

As of 7/25/2018 , this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

CALIFORNIA STATE
ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM
Accredited Fields of Testing

Ceres Analytical Laboratory, Inc.

4919 Windplay Drive, Suite 1
El Dorado Hills, CA 95762
Phone: 916-932-5011

Certificate No. **2933**
Expiration Date **2/13/2019**

Field of Testing: 105 - Semi-volatile Organic Chemistry of Drinking Water			
105.230	001	2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	EPA 1613
105.230	002	2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) Screen	EPA 1613
Field of Testing: 111 - Semi-volatile Organic Chemistry of Wastewater			
111.111	000	Dioxins and Dibenzofurans	EPA 1613
Field of Testing: 117 - Semi-volatile Organic Chemistry of Hazardous Waste			
117.120	000	Dioxins and Dibenzofurans	EPA 8280 A
117.130	000	Dioxins and Dibenzofurans	EPA 8290

As of 2/8/2019 , this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

CALIFORNIA
Water Boards
STATE WATER RESOURCES CONTROL BOARD
REGIONAL WATER QUALITY CONTROL BOARDS

CALIFORNIA STATE

ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

CERTIFICATE OF ENVIRONMENTAL ACCREDITATION

Is hereby granted to

Enthalpy Analytical LLC, dba Curtis & Tompkins, Ltd.

2323 Fifth Street

Berkeley, CA 94710

Scope of the certificate is limited to the
"Fields of Testing"
which accompany this Certificate.

Continued accredited status depends on successful completion of on-site inspection, proficiency testing studies, and payment of applicable fees.

This Certificate is granted in accordance with provisions of
Section 100825, et seq. of the Health and Safety Code.

Certificate No.: **2896**

Expiration Date: **1/31/2019**

Effective Date: **2/1/2017**

Sacramento, California
subject to forfeiture or revocation

Christine Sotelo, Chief
Environmental Laboratory Accreditation Program

CALIFORNIA STATE
ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM
Accredited Fields of Testing

Enthalpy Analytical LLC, dba Curtis & Tompkins, Ltd.

2323 Fifth Street
Berkeley, CA 94710
Phone: (510) 486-0900

Certificate No. 2896
Expiration Date 1/31/2019

Field of Testing: 102 - Inorganic Chemistry of Drinking Water

102.045	001	Perchlorate	EPA 314.0

Field of Testing: 108 - Inorganic Chemistry of Wastewater

108.112	001	Boron	EPA 200.7
108.112	002	Calcium	EPA 200.7
108.112	004	Magnesium	EPA 200.7
108.112	005	Potassium	EPA 200.7
108.112	007	Sodium	EPA 200.7
108.113	002	Calcium	EPA 200.8
108.113	003	Magnesium	EPA 200.8
108.113	004	Potassium	EPA 200.8
108.113	006	Sodium	EPA 200.8
108.120	001	Bromide	EPA 300.0
108.120	002	Chloride	EPA 300.0
108.120	003	Fluoride	EPA 300.0
108.120	008	Sulfate	EPA 300.0
108.120	012	Nitrate (as N)	EPA 300.0
108.120	014	Nitrite (as N)	EPA 300.0
108.360	001	Phenols, Total	EPA 420.1
108.381	001	Oil and Grease	EPA 1664A
108.390	001	Turbidity	SM2130B-2001
108.410	001	Alkalinity	SM2320B-1997
108.420	001	Hardness (calculation)	SM2340B-1997
108.430	001	Conductivity	SM2510B-1997
108.440	001	Residue, Total	SM2540B-1997
108.441	001	Residue, Filterable TDS	SM2540C-1997
108.442	001	Residue, Non-filterable TSS	SM2540D-1997
108.465	001	Chlorine, Total Residual	SM4500-Cl G-2000
108.472	001	Cyanide, Total	SM4500-CN E-1999
108.490	001	Hydrogen Ion (pH)	SM4500-H+ B-2000
108.501	002	Kjeldahl Nitrogen, Total (as N)	SM4500-NH3 C-1997
108.502	002	Ammonia (as N)	SM4500-NH3 B,D-1997
108.540	001	Phosphate, Ortho (as P)	SM4500-P E-1999
108.541	001	Phosphorus, Total	SM4500-P E-1999
108.552	001	Silica, Dissolved	SM4500-SiO2 C-1997
108.584	001	Sulfide (as S)	SM4500-S= D-2000
108.592	001	Biochemical Oxygen Demand	SM5210B-2001
108.595	001	Chemical Oxygen Demand	SM5220D-1997
108.597	001	Organic Carbon-Total (TOC)	SM5310C-2000

As of 2/9/2018 , this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

108.605	001	Surfactants	SM5540C-2000
Field of Testing: 109 - Toxic Chemical Elements of Wastewater			
109.010	001	Aluminum	EPA 200.7
109.010	002	Antimony	EPA 200.7
109.010	003	Arsenic	EPA 200.7
109.010	004	Barium	EPA 200.7
109.010	005	Beryllium	EPA 200.7
109.010	006	Boron	EPA 200.7
109.010	007	Cadmium	EPA 200.7
109.010	009	Chromium	EPA 200.7
109.010	010	Cobalt	EPA 200.7
109.010	011	Copper	EPA 200.7
109.010	012	Iron	EPA 200.7
109.010	013	Lead	EPA 200.7
109.010	015	Manganese	EPA 200.7
109.010	016	Molybdenum	EPA 200.7
109.010	017	Nickel	EPA 200.7
109.010	019	Selenium	EPA 200.7
109.010	021	Silver	EPA 200.7
109.010	023	Thallium	EPA 200.7
109.010	024	Tin	EPA 200.7
109.010	025	Titanium	EPA 200.7
109.010	026	Vanadium	EPA 200.7
109.010	027	Zinc	EPA 200.7
109.020	001	Aluminum	EPA 200.8
109.020	002	Antimony	EPA 200.8
109.020	003	Arsenic	EPA 200.8
109.020	004	Barium	EPA 200.8
109.020	005	Beryllium	EPA 200.8
109.020	006	Cadmium	EPA 200.8
109.020	007	Chromium	EPA 200.8
109.020	008	Cobalt	EPA 200.8
109.020	009	Copper	EPA 200.8
109.020	010	Lead	EPA 200.8
109.020	011	Manganese	EPA 200.8
109.020	012	Molybdenum	EPA 200.8
109.020	013	Nickel	EPA 200.8
109.020	014	Selenium	EPA 200.8
109.020	015	Silver	EPA 200.8
109.020	016	Thallium	EPA 200.8
109.020	017	Vanadium	EPA 200.8
109.020	018	Zinc	EPA 200.8
109.190	001	Mercury	EPA 245.1
Field of Testing: 110 - Volatile Organic Chemistry of Wastewater			
110.040	000	Purgeable Organic Compounds	EPA 624
Field of Testing: 111 - Semi-volatile Organic Chemistry of Wastewater			

111.100	000	Base/Neutral & Acid Organics	EPA 625	
111.170	000	Organochlorine Pesticides and PCBs	EPA 608	
Field of Testing: 114 - Inorganic Chemistry of Hazardous Waste				
114.010	001	Antimony	EPA 6010B	
114.010	002	Arsenic	EPA 6010B	
114.010	003	Barium	EPA 6010B	
114.010	004	Beryllium	EPA 6010B	
114.010	005	Cadmium	EPA 6010B	
114.010	006	Chromium	EPA 6010B	
114.010	007	Cobalt	EPA 6010B	
114.010	008	Copper	EPA 6010B	
114.010	009	Lead	EPA 6010B	
114.010	010	Molybdenum	EPA 6010B	
114.010	011	Nickel	EPA 6010B	
114.010	012	Selenium	EPA 6010B	
114.010	013	Silver	EPA 6010B	
114.010	014	Thallium	EPA 6010B	
114.010	015	Vanadium	EPA 6010B	
114.010	016	Zinc	EPA 6010B	
114.020	001	Antimony	EPA 6020	
114.020	002	Arsenic	EPA 6020	
114.020	003	Barium	EPA 6020	
114.020	004	Beryllium	EPA 6020	
114.020	005	Cadmium	EPA 6020	
114.020	006	Chromium	EPA 6020	
114.020	007	Cobalt	EPA 6020	
114.020	008	Copper	EPA 6020	
114.020	009	Lead	EPA 6020	
114.020	010	Molybdenum	EPA 6020	
114.020	011	Nickel	EPA 6020	
114.020	012	Selenium	EPA 6020	
114.020	013	Silver	EPA 6020	
114.020	014	Thallium	EPA 6020	
114.020	015	Vanadium	EPA 6020	
114.020	016	Zinc	EPA 6020	
114.103	001	Chromium (VI)	EPA 7196A	
114.106	001	Chromium (VI)	EPA 7199	
114.140	001	Mercury	EPA 7470A	
114.141	001	Mercury	EPA 7471A	
114.222	001	Cyanide	EPA 9014	
Field of Testing: 115 - Extraction Test of Hazardous Waste				
115.020	001	Toxicity Characteristic Leaching Procedure (TCLP)	EPA 1311	
115.030	001	Waste Extraction Test (WET)	CCR Chapter11, Article 5, Appendix II	
115.040	001	Synthetic Precipitation Leaching Procedure (SPLP)	EPA 1312	
Field of Testing: 116 - Volatile Organic Chemistry of Hazardous Waste				
116.030	001	Gasoline-range Organics	EPA 8015B	Interim

116.040	041	Methyl tert-butyl Ether (MTBE)	EPA 8021B	Interim
116.040	062	BTEX	EPA 8021B	Interim
116.080	000	Volatile Organic Compounds	EPA 8260B	Interim
Field of Testing: 117 - Semi-volatile Organic Chemistry of Hazardous Waste				
117.010	001	Diesel-range Total Petroleum Hydrocarbons	EPA 8015B	Interim
117.110	000	Extractable Organics	EPA 8270C	Interim
117.140	000	Polynuclear Aromatic Hydrocarbons	EPA 8310	Interim
117.170	000	Nitroaromatics and Nitramines	EPA 8330	Interim
117.210	000	Organochlorine Pesticides	EPA 8081A	Interim
117.220	000	PCBs	EPA 8082	Interim
Field of Testing: 120 - Physical Properties of Hazardous Waste				
120.010	001	Ignitability	EPA 1010	
120.080	001	Corrosivity - pH Determination	EPA 9045C	

CALIFORNIA
Water Boards
STATE WATER RESOURCES CONTROL BOARD
REGIONAL WATER QUALITY CONTROL BOARDS

Interim

CALIFORNIA STATE

ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

CERTIFICATE OF ENVIRONMENTAL ACCREDITATION

Is hereby granted to

Laboratory: Eurofins Calscience, LLC

7440 Lincoln Way

Garden Grove, CA 92841-1427

Scope of the certificate is limited to the
"Fields of Testing"
which accompany this Certificate.

Continued accredited status depends on successful completion of on-site inspection, proficiency testing studies, and payment of applicable fees.

This Certificate is granted in accordance with provisions of
Section 100825, et seq. of the Health and Safety Code.

Certificate No.: **2944**

Expiration Date: **9/30/2019**

Effective Date: **10/1/2018**

Sacramento, California
subject to forfeiture or revocation

Christine Sotelo, Chief
Environmental Laboratory Accreditation Program

CALIFORNIA
Water Boards

EDMUND G. BROWN JR.
GOVERNOR

MATTHEW RODRIQUEZ
SECRETARY FOR
ENVIRONMENTAL PROTECTION

State Water Resources Control Board

October 4, 2018

Elizabeth Winger
Eurofins Calscience, LLC
7440 Lincoln Way
Garden Grove, CA 92841-1427

Dear Elizabeth Winger: Certificate No. 2944

This is to advise you that the laboratory named above has been granted an interim certificate pursuant to California Health and Safety Code (HSC), Division 101, Part 1, Chapter 4, Section 100850(d).

The Fields of Testing for which this laboratory has been granted interim certification is shown in the enclosed "Fields of Testing". The Interim certificate shall remain in effect until **September 30, 2019** until a certificate pursuant to HSC 100825(a) is issued.

Your laboratory is required to participate in the appropriate performance evaluation studies and to perform acceptably in such studies as stated in HSC 100870 and Title 22 of the California Code of Regulations Section 64809. Continued compliance with the Environmental Laboratory Accreditation Program statutes and regulations is required for maintaining the interim certification status.

Any changes in laboratory location or structural alterations, which may adversely affect the quality of analysis in the fields of testing for which the laboratory has been granted certification, require prior notification. Notification is also required for changes in ownership or laboratory director within 30 days after the change (HSC 100845(b) and (d)).

Contact our office at (916) 323-3431 or elapca@waterboards.ca.gov for questions.

Sincerely,

Christine Sotelo, Chief
Environmental Laboratory Accreditation Program

Enclosure

October 17, 2018

Elizabeth Winger
Eurofins Calscience, LLC
7440 Lincoln Way
Garden Grove, CA 92841

RE: Accreditation Inquiry – Eurofins Calscience, LLC Cert# 2944

Dear Elizabeth Winger,

I have reviewed your final inquiry, dated October 11, 2018, into the accreditation issued to Eurofins Calscience, LLC Cert# 2944, and made the final determinations below.

Subgroup Code	Analyte Code	Method	Analyte	Determination	Reason
108.381	001	EPA 1664A	Oil and Grease	Accredited	Laboratory has satisfied PT requirement.
108.441	001	SM2540C-1997	Residue, Filterable TDS	Accredited	Laboratory has satisfied PT requirement.
108.464	001	SM4500-Cl F-2000	Chlorine, Total Residual	Accredited	Laboratory has satisfied PT requirement.
108.464	002	SM4500-Cl F-2000	Chlorine, Free	Accredited	Laboratory has satisfied PT requirement.
120.050	001	Section 7.3 SW-846	Reactive Sulfide	Accredited	Laboratory has satisfied PT requirement.

The laboratory may, within 20 days of the date of this notice, request a hearing with the state board to dispute any decision in this notice. Alternatively, the laboratory may file an amendment application and fee with ELAP to request reinstatement of any denied subgroups.

Sincerely,



Christine Sotelo, Chief
CA ELAP

CALIFORNIA STATE
ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM
Accredited Fields of Testing

Eurofins Calscience, LLC

7440 Lincoln Way
Garden Grove, CA 92841-1427
Phone: (714) 895-5494

Certificate No. **2944**
Expiration Date **9/30/2019**
INTERIM

Field of Testing: 102 - Inorganic Chemistry of Drinking Water

102.015	001	Hydrogen Ion (pH)	EPA 150.1
102.026	001	Calcium	EPA 200.7
102.026	002	Magnesium	EPA 200.7
102.026	003	Potassium	EPA 200.7
102.026	004	Silica	EPA 200.7
102.026	005	Sodium	EPA 200.7
102.026	006	Hardness (calculation)	EPA 200.7
102.030	001	Bromide	EPA 300.0
102.030	003	Chloride	EPA 300.0
102.030	005	Fluoride	EPA 300.0
102.030	006	Nitrate (as N)	EPA 300.0
102.030	007	Nitrite (as N)	EPA 300.0
102.030	008	Phosphate, Ortho (as P)	EPA 300.0
102.030	009	Sulfate	EPA 300.0
102.040	003	Chlorate	EPA 300.1
102.045	001	Perchlorate	EPA 314.0
102.047	001	Perchlorate	EPA 331.0
102.070	001	Phosphate, Ortho (as P)	EPA 365.1
102.100	001	Alkalinity	SM2320B-1997
102.121	001	Hardness	SM2340C-1997
102.130	001	Conductivity	SM2510B-1997
102.140	001	Residue, Filterable TDS	SM2540C-1997
102.148	001	Calcium	SM3500-Ca B-1997
102.174	001	Chlorine, Free	SM4500-Cl F-2000
102.174	002	Chlorine, Total Residual	SM4500-Cl F-2000
102.175	001	Chlorine, Free	SM4500-Cl G-2000
102.175	002	Chlorine, Total Residual	SM4500-Cl G-2000
102.190	001	Cyanide, Total	SM4500-CN E-1999
102.200	001	Fluoride	SM4500-F C-2011
102.203	001	Hydrogen Ion (pH)	SM4500-H+ B-2000
102.220	001	Nitrite (as N)	SM4500-NO2 B-2000
102.240	001	Phosphate, Ortho (as P)	SM4500-P E-1999
102.260	001	Total Organic Carbon TOC	SM5310B-2000
102.261	001	Dissolved Organic Carbon (DOC)	SM5310B-2000

102.264	001	Total Organic Carbon TOC	SM5310D-2000
102.265	001	Dissolved Organic Carbon (DOC)	SM5310D-2000

Field of Testing: 103 - Toxic Chemical Elements of Drinking Water

103.130	001	Aluminum	EPA 200.7
103.130	003	Barium	EPA 200.7
103.130	004	Beryllium	EPA 200.7
103.130	005	Cadmium	EPA 200.7
103.130	007	Chromium	EPA 200.7
103.130	008	Copper	EPA 200.7
103.130	009	Iron	EPA 200.7
103.130	011	Manganese	EPA 200.7
103.130	012	Nickel	EPA 200.7
103.130	015	Silver	EPA 200.7
103.130	017	Zinc	EPA 200.7
103.130	018	Boron	EPA 200.7
103.140	001	Aluminum	EPA 200.8
103.140	002	Antimony	EPA 200.8
103.140	003	Arsenic	EPA 200.8
103.140	004	Barium	EPA 200.8
103.140	005	Beryllium	EPA 200.8
103.140	006	Cadmium	EPA 200.8
103.140	007	Chromium	EPA 200.8
103.140	008	Copper	EPA 200.8
103.140	009	Lead	EPA 200.8
103.140	010	Manganese	EPA 200.8
103.140	012	Nickel	EPA 200.8
103.140	013	Selenium	EPA 200.8
103.140	014	Silver	EPA 200.8
103.140	015	Thallium	EPA 200.8
103.140	016	Zinc	EPA 200.8
103.140	017	Boron	EPA 200.8
103.140	018	Vanadium	EPA 200.8
103.160	001	Mercury	EPA 245.1
103.310	001	Chromium (VI)	EPA 218.6

Field of Testing: 104 - Volatile Organic Chemistry of Drinking Water

104.030	001	1,2-Dibromoethane (EDB, Ethylene Dibromide)	EPA 504.1
104.030	002	1,2-Dibromo-3-chloropropane (DBCP)	EPA 504.1
104.035	001	1,2,3-Trichloropropane (TCP)	SRL 524M-TCP
104.040	000	Volatile Organic Compounds	EPA 524.2

Field of Testing: 108 - Inorganic Chemistry of Wastewater

108.020	001	Conductivity	EPA 120.1
108.110	001	Turbidity	EPA 180.1

108.112	001	Boron	EPA 200.7
108.112	002	Calcium	EPA 200.7
108.112	003	Hardness (calculation)	EPA 200.7
108.112	004	Magnesium	EPA 200.7
108.112	005	Potassium	EPA 200.7
108.112	006	Silica, Dissolved	EPA 200.7
108.112	007	Sodium	EPA 200.7
108.112	008	Phosphorus, Total	EPA 200.7
108.113	001	Boron	EPA 200.8
108.120	001	Bromide	EPA 300.0
108.120	002	Chloride	EPA 300.0
108.120	003	Fluoride	EPA 300.0
108.120	008	Sulfate	EPA 300.0
108.120	012	Nitrate (as N)	EPA 300.0
108.120	013	Nitrate-Nitrite (as N)	EPA 300.0
108.120	014	Nitrite (as N)	EPA 300.0
108.120	015	Phosphate, Ortho (as P)	EPA 300.0
108.209	001	Ammonia (as N)	EPA 350.1
108.211	002	Kjeldahl Nitrogen, Total (as N)	EPA 351.2
108.260	001	Phosphate, Ortho	EPA 365.1
108.261	001	Phosphorus, Total	EPA 365.1
108.264	001	Phosphate, Ortho	EPA 365.3
108.265	001	Phosphorus, Total	EPA 365.3
108.323	001	Chemical Oxygen Demand	EPA 410.4
108.360	001	Phenols, Total	EPA 420.1
108.381	001	Oil and Grease	EPA 1664A
108.385	001	Color	SM2120B-2001
108.390	001	Turbidity	SM2130B-2001
108.400	001	Acidity	SM2310B-1997
108.410	001	Alkalinity	SM2320B-1997
108.421	001	Hardness	SM2340C-1997
108.430	001	Conductivity	SM2510B-1997
108.439	001	Residue, Volatile	SM2540E-1997
108.440	001	Residue, Total	SM2540B-1997
108.441	001	Residue, Filterable TDS	SM2540C-1997
108.442	001	Residue, Non-filterable TSS	SM2540D-1997
108.443	001	Residue, Settleable	SM2540F-1997
108.449	001	Calcium	SM3500-Ca B-1997
108.451	001	Chloride	SM4500-Chloride C-1997
108.464	001	Chlorine, Total Residual	SM4500-Cl F-2000
108.464	002	Chlorine, Free	SM4500-Cl F-2000
108.472	001	Cyanide, Total	SM4500-CN E-1999

108.473	001	Cyanide, amenable	SM4500-CN G-1999
108.480	001	Fluoride	SM4500-F B,C-1997
108.490	001	Hydrogen Ion (pH)	SM4500-H+ B-2000
108.500	002	Ammonia (as N)	SM4500-NH3 B,C-1997
108.501	002	Kjeldahl Nitrogen, Total (as N)	SM4500-NH3 C-1997
108.504	002	Ammonia (as N)	SM4500-NH3 F-1997
108.511	001	Kjeldahl Nitrogen, Total (as N)	SM4500-Norg B- 1997
108.514	001	Nitrite (as N)	SM4500-NO2 B-2000
108.528	001	Nitrate-Nitrite (as N)	SM4500-NO3- E-2000
108.536	001	Oxygen, dissolved	SM4500-O G-2001
108.584	001	Sulfide (as S)	SM4500-S D-2000
108.592	001	Biochemical Oxygen Demand	SM5210B-2001
108.592	002	Carbonaceous BOD	SM5210B-2001
108.595	001	Chemical Oxygen Demand	SM5220D-1997
108.596	001	Organic Carbon-Total (TOC)	SM5310B-2000
108.598	001	Organic Carbon-Total (TOC)	SM5310D-2000
108.605	001	Surfactants	SM5540 C-2000
108.626	001	Phenols, Total	SM5530 D-2010

Field of Testing: 109 - Toxic Chemical Elements of Wastewater

109.010	001	Aluminum	EPA 200.7
109.010	002	Antimony	EPA 200.7
109.010	003	Arsenic	EPA 200.7
109.010	004	Barium	EPA 200.7
109.010	005	Beryllium	EPA 200.7
109.010	006	Boron	EPA 200.7
109.010	007	Cadmium	EPA 200.7
109.010	009	Chromium	EPA 200.7
109.010	010	Cobalt	EPA 200.7
109.010	011	Copper	EPA 200.7
109.010	012	Iron	EPA 200.7
109.010	013	Lead	EPA 200.7
109.010	015	Manganese	EPA 200.7
109.010	016	Molybdenum	EPA 200.7
109.010	017	Nickel	EPA 200.7
109.010	019	Selenium	EPA 200.7
109.010	021	Silver	EPA 200.7
109.010	023	Thallium	EPA 200.7
109.010	024	Tin	EPA 200.7
109.010	025	Titanium	EPA 200.7
109.010	026	Vanadium	EPA 200.7
109.010	027	Zinc	EPA 200.7
109.020	001	Aluminum	EPA 200.8

109.020	002	Antimony	EPA 200.8
109.020	003	Arsenic	EPA 200.8
109.020	004	Barium	EPA 200.8
109.020	005	Beryllium	EPA 200.8
109.020	006	Cadmium	EPA 200.8
109.020	007	Chromium	EPA 200.8
109.020	008	Cobalt	EPA 200.8
109.020	009	Copper	EPA 200.8
109.020	010	Lead	EPA 200.8
109.020	011	Manganese	EPA 200.8
109.020	012	Molybdenum	EPA 200.8
109.020	013	Nickel	EPA 200.8
109.020	014	Selenium	EPA 200.8
109.020	015	Silver	EPA 200.8
109.020	016	Thallium	EPA 200.8
109.020	017	Vanadium	EPA 200.8
109.020	018	Zinc	EPA 200.8
109.020	020	Gold	EPA 200.8
109.020	021	Iron	EPA 200.8
109.020	022	Tin	EPA 200.8
109.020	023	Titanium	EPA 200.8
109.104	001	Chromium (VI)	EPA 218.6
109.190	001	Mercury	EPA 245.1
109.361	001	Mercury	EPA 1631E

Field of Testing: 110 - Volatile Organic Chemistry of Wastewater

110.020	000	Purgeable Aromatics	EPA 602
110.040	000	Purgeable Organic Compounds	EPA 624

Field of Testing: 111 - Semi-volatile Organic Chemistry of Wastewater

111.060	000	Polynuclear Aromatics	EPA 610
111.091	000	Organophosphorus Pesticides	EPA 614
111.093	000	Chlorinated Herbicides	EPA 615
111.100	000	Base/Neutral & Acid Organics	EPA 625
111.170	000	Organochlorine Pesticides and PCBs	EPA 608

Field of Testing: 114 - Inorganic Chemistry of Hazardous Waste

114.010	001	Antimony	EPA 6010B
114.010	002	Arsenic	EPA 6010B
114.010	003	Barium	EPA 6010B
114.010	004	Beryllium	EPA 6010B
114.010	005	Cadmium	EPA 6010B
114.010	006	Chromium	EPA 6010B
114.010	007	Cobalt	EPA 6010B
114.010	008	Copper	EPA 6010B

114.010	009	Lead	EPA 6010B
114.010	010	Molybdenum	EPA 6010B
114.010	011	Nickel	EPA 6010B
114.010	012	Selenium	EPA 6010B
114.010	013	Silver	EPA 6010B
114.010	014	Thallium	EPA 6010B
114.010	015	Vanadium	EPA 6010B
114.010	016	Zinc	EPA 6010B
114.020	001	Antimony	EPA 6020
114.020	002	Arsenic	EPA 6020
114.020	003	Barium	EPA 6020
114.020	004	Beryllium	EPA 6020
114.020	005	Cadmium	EPA 6020
114.020	006	Chromium	EPA 6020
114.020	007	Cobalt	EPA 6020
114.020	008	Copper	EPA 6020
114.020	009	Lead	EPA 6020
114.020	010	Molybdenum	EPA 6020
114.020	011	Nickel	EPA 6020
114.020	012	Selenium	EPA 6020
114.020	013	Silver	EPA 6020
114.020	014	Thallium	EPA 6020
114.020	015	Vanadium	EPA 6020
114.020	016	Zinc	EPA 6020
114.103	001	Chromium (VI)	EPA 7196A
114.106	001	Chromium (VI)	EPA 7199
114.130	001	Lead	EPA 7420
114.140	001	Mercury	EPA 7470A
114.141	001	Mercury	EPA 7471A
114.241	001	Corrosivity - pH Determination	EPA 9045C
114.250	001	Fluoride	EPA 9056

Field of Testing: 115 - Extraction Test of Hazardous Waste

115.020	001	Toxicity Characteristic Leaching Procedure (TCLP)	EPA 1311 (TCLP)
115.021	001	TCLP Inorganics	EPA 1311 (TCLP)
115.022	001	TCLP Extractables	EPA 1311 (TCLP)
115.023	001	TCLP Volatiles	EPA 1311 (TCLP)
115.030	001	Waste Extraction Test (WET)	CCR Chapter11, Article 5, Appendix II
115.040	001	Synthetic Precipitation Leaching Procedure (SPLP)	EPA 1312 (SPLP)

Field of Testing: 116 - Volatile Organic Chemistry of Hazardous Waste

116.030	001	Gasoline-range Organics	EPA 8015B
116.040	041	Methyl tert-butyl Ether (MTBE)	EPA 8021B
116.040	061	Aromatic Volatiles	EPA 8021B

116.080	000	Volatile Organic Compounds	EPA 8260B	
116.080	120	Oxygenates	EPA 8260B	
116.100	001	Total Petroleum Hydrocarbons - Gasoline (GRO)	LUFT GC/MS	
116.100	010	BTEX and MTBE	LUFT GC/MS	
116.110	001	Total Petroleum Hydrocarbons - Gasoline (GRO)	LUFT	

Field of Testing: 117 - Semi-volatile Organic Chemistry of Hazardous Waste

117.010	001	Diesel-range Total Petroleum Hydrocarbons	EPA 8015B	
117.016	001	Diesel-range Total Petroleum Hydrocarbons	LUFT	
117.017	001	TRPH Screening	EPA 418.1	
117.110	000	Extractable Organics	EPA 8270C	
117.140	000	Polynuclear Aromatic Hydrocarbons	EPA 8310	
117.170	000	Nitroaromatics and Nitramines	EPA 8330	
117.210	000	Organochlorine Pesticides	EPA 8081A	
117.220	000	PCBs	EPA 8082	
117.240	000	Organophosphorus Pesticides	EPA 8141A	
117.250	000	Chlorinated Herbicides	EPA 8151A	

Field of Testing: 119 - Toxicity Bioassay of Hazardous Waste

119.010	001	Fathead Minnow (P. promelas)	Polisini & Miller (CDFG 1988)	Interim

Field of Testing: 120 - Physical Properties of Hazardous Waste

120.010	001	Ignitability	EPA 1010	
120.040	001	Reactive Cyanide	Section 7.3 SW-846	
120.050	001	Reactive Sulfide	Section 7.3 SW-846	
120.080	001	Corrosivity - pH Determination	EPA 9045C	

CALIFORNIA
Water Boards
STATE WATER RESOURCES CONTROL BOARD
REGIONAL WATER QUALITY CONTROL BOARDS

CALIFORNIA STATE

ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

CERTIFICATE OF ENVIRONMENTAL ACCREDITATION

Is hereby granted to

Fruit Growers Laboratory

Santa Paula

853 Corporation Street

Santa Paula, CA 93060

Scope of the certificate is limited to the
"Fields of Testing"
which accompany this Certificate.

Continued accredited status depends on successful completion of on-site inspection, proficiency testing studies, and payment of applicable fees.

This Certificate is granted in accordance with provisions of Section 100825, et seq. of the Health and Safety Code.

Certificate No.: **1573**

Expiration Date: **7/31/2019**

Effective Date: **8/1/2017**

Sacramento, California
subject to forfeiture or revocation

Christine Sotelo, Chief
Environmental Laboratory Accreditation Program

CALIFORNIA
Water Boards

EDMUND G. BROWN JR.
GOVERNOR

MATTHEW RODRIQUEZ
SECRETARY FOR
ENVIRONMENTAL PROTECTION

State Water Resources Control Board

July 31, 2018

Mr. Kelly Dunnahoo
Fruit Growers Laboratory
853 Corporation Street
Santa Paula, CA 93060

Dear Mr. Kelly Dunnahoo: Certificate No. 1573

This notice advises that the laboratory named above has been certified as an environmental testing laboratory pursuant to the provisions of the Health and Safety Code (HSC), Division 101, Part 1, Chapter 4, Section 100825, *et seq.*

The Fields of Testing for which this laboratory has been certified are indicated on the enclosed "Fields of Testing" list. The certificate shall remain in effect until **July 31, 2019** unless it is revoked. This certificate is subject to an annual fee as determined by HSC 100860.1(a).

The application for renewal of this certificate must be received 90 days prior to the expiration date to remain in force according to HSC 100845(a). You must submit annual Proficiency Testing results before the due date of your annual fee to remain in compliance.

Any change in laboratory location or alteration to laboratory structure that could adversely affect quality of analysis in certified methods require notification prior to the change. Notification is also required for a transfer in ownership or appointment of new laboratory director within 30 days of the change (HSC, Section 100845(b) and (d)).

Your continued cooperation with the above requirements is essential for maintaining the high quality of the data produced by environmental laboratories certified by the State of California.

Please contact our office at (916) 323-3431 or elapca@waterboards.ca.gov with questions.

Sincerely,

Christine Sotelo, Chief
Environmental Laboratory Accreditation Program

Enclosure

CALIFORNIA
Water Boards
STATE WATER RESOURCES CONTROL BOARD
REGIONAL WATER QUALITY CONTROL BOARDS

CALIFORNIA STATE
ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM
Accredited Fields of Testing

Fruit Growers Laboratory
Santa Paula
853 Corporation Street
Santa Paula, CA 93060
Phone: (805) 392-2000

Certificate No. 1573
Expiration Date 7/31/2019

Field of Testing: 101 - Microbiology of Drinking Water

101.010	001	Heterotrophic Bacteria	SM9215 B
101.020	001	Total Coliform P/A	SM9221 B
101.020	002	Fecal Coliform P/A	SM9221 B,E
101.020	004	Total Coliform (Enumeration)	SM9221 B,C
101.020	005	Fecal Coliform (Enumeration)	SM9221 B,E
101.050	001	Total Coliform P/A	SM9223 B (Colilert)
101.050	002	E. coli P/A	SM9223 B (Colilert)
101.050	003	Total Coliform (Enumeration)	SM9223 B (Colilert/Quanti-Tray)
101.050	004	E. coli (Enumeration)	SM9223 B (Colilert/Quanti-Tray)
101.050	005	Total Coliform P/A	SM9223 (Colilert 18)
101.050	006	E. coli P/A	SM9223 (Colilert 18)
101.050	007	Total Coliform (Enumeration)	SM9223 B (Colilert 18 Quantity Tray)
101.050	008	E. coli (Enumeration)	SM9223 B (Colilert 18 Quantity Tray)
101.050	009	Total Coliform P/A	SM9223 B (Colisure)
101.050	010	E. coli P/A	SM9223 B (Colisure)
101.050	011	Total Coliform (Enumeration)	SM9223 B (Colisure)
101.050	012	E. coli (Enumeration)	SM9223 B (Colisure)
101.170	001	Enterococci	Enterolert

Field of Testing: 102 - Inorganic Chemistry of Drinking Water

102.026	001	Calcium	EPA 200.7
102.026	002	Magnesium	EPA 200.7
102.026	003	Potassium	EPA 200.7
102.026	004	Silica	EPA 200.7
102.026	005	Sodium	EPA 200.7
102.026	006	Hardness (calculation)	EPA 200.7
102.030	001	Bromide	EPA 300.0
102.030	003	Chloride	EPA 300.0
102.030	005	Fluoride	EPA 300.0
102.030	006	Nitrate (as N)	EPA 300.0
102.030	007	Nitrite (as N)	EPA 300.0
102.030	008	Phosphate, Ortho (as P)	EPA 300.0
102.030	009	Sulfate	EPA 300.0
102.045	001	Perchlorate	EPA 314.0
102.095	001	Turbidity	SM2130B-2001
102.100	001	Alkalinity	SM2320B-1997
102.130	001	Conductivity	SM2510B-1997
102.140	001	Residue, Filterable TDS	SM2540C-1997
102.175	001	Chlorine, Free	SM4500-Cl G-2000

As of 7/31/2018 , this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

102.175	002	Chlorine, Total Residual	SM4500-Cl G-2000	
102.190	001	Cyanide, Total	SM4500-CN E	
102.203	001	Hydrogen Ion (pH)	SM4500-H+ B-2000	
102.220	001	Nitrite (as N)	SM4500-NO2 B-2000	
102.234	001	Nitrite (as N)	SM4500-NO3 F-2000	
102.234	002	Nitrate (as N)	SM4500-NO3 F-2000	
102.240	001	Phosphate, Ortho (as P)	SM4500-P E-1999	
102.262	001	Total Organic Carbon TOC	SM5310C-2000	Interim
102.263	001	Dissolved Organic Carbon (DOC)	SM5310C-2000	Interim
102.270	001	Surfactants	SM5540 C-2000	

Field of Testing: 103 - Toxic Chemical Elements of Drinking Water

103.130	001	Aluminum	EPA 200.7
103.130	003	Barium	EPA 200.7
103.130	004	Beryllium	EPA 200.7
103.130	005	Cadmium	EPA 200.7
103.130	007	Chromium	EPA 200.7
103.130	008	Copper	EPA 200.7
103.130	009	Iron	EPA 200.7
103.130	011	Manganese	EPA 200.7
103.130	012	Nickel	EPA 200.7
103.130	015	Silver	EPA 200.7
103.130	017	Zinc	EPA 200.7
103.130	018	Boron	EPA 200.7
103.140	001	Aluminum	EPA 200.8
103.140	002	Antimony	EPA 200.8
103.140	003	Arsenic	EPA 200.8
103.140	004	Barium	EPA 200.8
103.140	005	Beryllium	EPA 200.8
103.140	006	Cadmium	EPA 200.8
103.140	007	Chromium	EPA 200.8
103.140	008	Copper	EPA 200.8
103.140	009	Lead	EPA 200.8
103.140	010	Manganese	EPA 200.8
103.140	012	Nickel	EPA 200.8
103.140	013	Selenium	EPA 200.8
103.140	014	Silver	EPA 200.8
103.140	015	Thallium	EPA 200.8
103.140	016	Zinc	EPA 200.8
103.140	017	Boron	EPA 200.8
103.140	018	Vanadium	EPA 200.8
103.160	001	Mercury	EPA 245.1
103.310	001	Chromium (VI)	EPA 218.6

Field of Testing: 104 - Volatile Organic Chemistry of Drinking Water

104.030	001	1,2-Dibromoethane (EDB, Ethylene Dibromide	EPA 504.1
104.030	002	1,2-Dibromo-3-chloropropane (DBCP)	EPA 504.1
104.035	001	1,2,3-Trichloropropane (TCP)	SRL 524M-TCP

104.040	000	Volatile Organic Compounds	EPA 524.2
104.040	001	Benzene	EPA 524.2
104.040	007	n-Butylbenzene	EPA 524.2
104.040	008	sec-Butylbenzene	EPA 524.2
104.040	009	tert-Butylbenzene	EPA 524.2
104.040	010	Carbon Tetrachloride	EPA 524.2
104.040	011	Chlorobenzene	EPA 524.2
104.040	015	2-Chlorotoluene	EPA 524.2
104.040	016	4-Chlorotoluene	EPA 524.2
104.040	019	1,3-Dichlorobenzene	EPA 524.2
104.040	020	1,2-Dichlorobenzene	EPA 524.2
104.040	021	1,4-Dichlorobenzene	EPA 524.2
104.040	022	Dichlorodifluoromethane	EPA 524.2
104.040	023	1,1-Dichloroethane	EPA 524.2
104.040	024	1,2-Dichloroethane	EPA 524.2
104.040	025	1,1-Dichloroethene (1,1-Dichloroethylene)	EPA 524.2
104.040	026	cis-1,2-Dichloroethene	EPA 524.2
104.040	027	trans-1,2-Dichloroethene	EPA 524.2
104.040	028	Dichloromethane (Methylene Chloride)	EPA 524.2
104.040	029	1,2-Dichloropropane	EPA 524.2
104.040	033	cis-1,3-Dichloropropene	EPA 524.2
104.040	034	trans-1,3-Dichloropropene	EPA 524.2
104.040	035	Ethylbenzene	EPA 524.2
104.040	037	Isopropylbenzene	EPA 524.2
104.040	041	N-propylbenzene	EPA 524.2
104.040	042	Styrene	EPA 524.2
104.040	043	1,1,1,2-Tetrachloroethane	EPA 524.2
104.040	045	Tetrachloroethylene (Perchloroethylene)	EPA 524.2
104.040	046	Toluene	EPA 524.2
104.040	048	1,2,4-Trichlorobenzene	EPA 524.2
104.040	049	1,1,1-Trichloroethane	EPA 524.2
104.040	050	1,1,2-Trichloroethane	EPA 524.2
104.040	052	Trichlorofluoromethane	EPA 524.2
104.040	054	1,2,4-Trimethylbenzene	EPA 524.2
104.040	055	1,3,5-Trimethylbenzene	EPA 524.2
104.040	056	Vinyl Chloride	EPA 524.2
104.040	057	Xylenes, Total	EPA 524.2
104.045	000	Trihalomethanes, Total	EPA 524.2
104.045	001	Bromodichloromethane	EPA 524.2
104.045	002	Bromoform	EPA 524.2
104.045	003	Chloroform	EPA 524.2
104.045	004	Dibromochloromethane	EPA 524.2
104.050	000	Gasoline Additives	EPA 524.2
104.050	002	Methyl tert-butyl Ether (MTBE)	EPA 524.2
104.050	003	tert-Amyl Methyl Ether (TAME)	EPA 524.2
104.050	004	Ethyl tert-butyl Ether (ETBE)	EPA 524.2
104.050	005	Trichlorotrifluoroethane	EPA 524.2

104.050	006	tert-Butyl Alcohol (TBA)	EPA 524.2	
Field of Testing: 105 - Semi-volatile Organic Chemistry of Drinking Water				
105.010	000	Pesticides	EPA 505	
105.010	002	Alachlor	EPA 505	
105.010	004	Chlordane	EPA 505	
105.010	006	Endrin	EPA 505	
105.010	007	Heptachlor	EPA 505	
105.010	008	Heptachlor Epoxide	EPA 505	
105.010	009	Hexachlorobenzene	EPA 505	
105.010	010	Hexachlorocyclopentadiene	EPA 505	
105.010	011	Lindane	EPA 505	
105.010	012	Methoxychlor	EPA 505	
105.010	014	Toxaphene	EPA 505	
105.010	015	PCBs as Aroclors (screen)	EPA 505	
105.030	000	N-, P- Pesticides	EPA 507	
105.030	001	Alachlor	EPA 507	
105.030	002	Atrazine	EPA 507	
105.030	003	Butachlor	EPA 507	
105.030	005	Metolachlor	EPA 507	
105.030	006	Metribuzin	EPA 507	
105.030	007	Molinate	EPA 507	
105.030	008	Prometryn	EPA 507	
105.030	009	Simazine	EPA 507	
105.082	001	2,4-D	EPA 515.3	
105.082	002	Dinoseb	EPA 515.3	
105.082	003	Pentachlorophenol	EPA 515.3	
105.082	004	Picloram	EPA 515.3	
105.082	005	2,4,5-TP (Silvex)	EPA 515.3	
105.082	006	Bentazon	EPA 515.3	
105.082	007	Dalapon	EPA 515.3	
105.082	008	Dicamba	EPA 515.3	
105.100	000	Carbamates	EPA 531.1	
105.100	001	Aldicarb	EPA 531.1	
105.100	002	Aldicarb Sulfone	EPA 531.1	
105.100	003	Aldicarb Sulfoxide	EPA 531.1	
105.100	004	Carbaryl	EPA 531.1	
105.100	005	Carbofuran	EPA 531.1	
105.100	006	3-Hydroxycarbofuran	EPA 531.1	
105.100	007	Methomyl	EPA 531.1	
105.100	008	Oxamyl	EPA 531.1	
105.120	001	Glyphosate	EPA 547	Interim
105.140	001	Endothall	EPA 548.1	
105.150	001	Diquat	EPA 549.2	
105.175	001	Bromodichloromethane	EPA 551.1	
105.175	002	Bromoform	EPA 551.1	
105.175	003	Chloroform	EPA 551.1	
105.175	004	Dibromochloromethane	EPA 551.1	

105.175	005	Trihalomethanes	EPA 551.1
105.200	001	Bromoacetic Acid	EPA 552.2
105.200	003	Chloroacetic Acid	EPA 552.2
105.200	005	Dibromoacetic Acid	EPA 552.2
105.200	006	Dichloroacetic Acid	EPA 552.2
105.200	007	Trichloroacetic Acid	EPA 552.2
105.200	008	Haloacetic Acids (HAA5)	EPA 552.2
Field of Testing: 106 - Radiochemistry of Drinking Water			
106.010	001	Gross Alpha and Beta Radiation	EPA 900.0
106.010	002	Gross Beta	EPA 900.0
106.050	001	Total Alpha Radium	EPA 903.0
106.050	002	Radium-226 (estimate)	EPA 903.0
106.070	003	Strontium-90	EPA 905.0
106.080	001	Tritium	EPA 906.0
106.090	001	Uranium	EPA 908.0
106.092	001	Uranium	EPA 200.8
106.170	001	Radium-228	EPA Ra-05
106.270	001	Gross Alpha by Coprecipitation	SM7110 C
106.610	001	Radon-222	SM7500-Rn
Field of Testing: 107 - Microbiology of Wastewater			
107.010	001	Heterotrophic Bacteria	SM9215 B
107.020	002	Total Coliform (Enumeration)	SM9221 B-2006
107.030	002	Total Coliform with Chlorine Present	SM9221 B,C-2006
107.040	002	Fecal Coliform (Enumeration)	SM9221 C,E-2006
107.050	002	Fecal Coliform with Chlorine Present	SM9221 C,E-2006
107.242	001	Enterococci	Enterolert
107.245	001	E. coli (Enumeration)	SM9223 (Colilert 18)
107.245	002	E. coli (Enumeration)	SM9223 B (Colilert)
Field of Testing: 108 - Inorganic Chemistry of Wastewater			
108.090	001	Residue, Volatile	EPA 160.4
108.112	001	Boron	EPA 200.7
108.112	002	Calcium	EPA 200.7
108.112	003	Hardness (calculation)	EPA 200.7
108.112	004	Magnesium	EPA 200.7
108.112	005	Potassium	EPA 200.7
108.112	006	Silica, Dissolved	EPA 200.7
108.112	007	Sodium	EPA 200.7
108.112	008	Phosphorus, Total	EPA 200.7
108.113	001	Boron	EPA 200.8
108.120	001	Bromide	EPA 300.0
108.120	002	Chloride	EPA 300.0
108.120	003	Fluoride	EPA 300.0
108.120	008	Sulfate	EPA 300.0
108.120	012	Nitrate (as N)	EPA 300.0
108.120	013	Nitrate-Nitrite (as N)	EPA 300.0
108.120	014	Nitrite (as N)	EPA 300.0

108.120	015	Phosphate, Ortho (as P)	EPA 300.0
108.211	002	Kjeldahl Nitrogen, Total (as N)	EPA 351.2
108.267	001	Phosphorus, Total	EPA 200.7
108.360	001	Phenols, Total	EPA 420.1
108.381	001	Oil and Grease	EPA 1664A
108.385	001	Color	SM2120B-2001
108.390	001	Turbidity	SM2130B-2001
108.410	001	Alkalinity	SM2320B-1997
108.430	001	Conductivity	SM2510B-1997
108.440	001	Residue, Total	SM2540B-1997
108.441	001	Residue, Filterable TDS	SM2540C-1997
108.442	001	Residue, Non-filterable TSS	SM2540D-1997
108.443	001	Residue, Settleable	SM2540F-1997
108.465	001	Chlorine, Total Residual	SM4500-Cl G-2000
108.470	001	Cyanide, Total	SM4500-CN B or C-1999
108.472	001	Cyanide, Total	SM4500-CN E-1999
108.490	001	Hydrogen Ion (pH)	SM4500-H+ B-2000
108.506	002	Ammonia (as N)	SM4500-NH3 G-1997
108.514	001	Nitrite (as N)	SM4500-NO2 B-2000
108.529	001	Nitrate-Nitrite (as N)	SM4500-NO3 F-2000
108.529	002	Nitrite (as N)	SM4500-NO3 F-2000
108.529	003	Nitrate (as N)	SM4500-NO3 F-2000
108.540	001	Phosphate, Ortho (as P)	SM4500-P E-1999
108.541	001	Phosphorus, Total	SM4500-P E-1999
108.584	001	Sulfide (as S)	SM4500-S D-2000
108.592	001	Biochemical Oxygen Demand	SM5210B-2001
108.592	002	Carbonaceous BOD	SM5210B-2001
108.595	001	Chemical Oxygen Demand	SM5220D-1997
108.597	001	Organic Carbon-Total (TOC)	SM5310C-2000
108.605	001	Surfactants	SM5540 C-2000

Field of Testing: 109 - Toxic Chemical Elements of Wastewater

109.010	001	Aluminum	EPA 200.7
109.010	002	Antimony	EPA 200.7
109.010	003	Arsenic	EPA 200.7
109.010	004	Barium	EPA 200.7
109.010	005	Beryllium	EPA 200.7
109.010	006	Boron	EPA 200.7
109.010	007	Cadmium	EPA 200.7
109.010	009	Chromium	EPA 200.7
109.010	010	Cobalt	EPA 200.7
109.010	011	Copper	EPA 200.7
109.010	012	Iron	EPA 200.7
109.010	013	Lead	EPA 200.7
109.010	015	Manganese	EPA 200.7
109.010	016	Molybdenum	EPA 200.7
109.010	017	Nickel	EPA 200.7
109.010	019	Selenium	EPA 200.7

109.010	021	Silver	EPA 200.7
109.010	023	Thallium	EPA 200.7
109.010	024	Tin	EPA 200.7
109.010	025	Titanium	EPA 200.7
109.010	026	Vanadium	EPA 200.7
109.010	027	Zinc	EPA 200.7
109.020	001	Aluminum	EPA 200.8
109.020	002	Antimony	EPA 200.8
109.020	003	Arsenic	EPA 200.8
109.020	004	Barium	EPA 200.8
109.020	005	Beryllium	EPA 200.8
109.020	006	Cadmium	EPA 200.8
109.020	007	Chromium	EPA 200.8
109.020	008	Cobalt	EPA 200.8
109.020	009	Copper	EPA 200.8
109.020	010	Lead	EPA 200.8
109.020	011	Manganese	EPA 200.8
109.020	012	Molybdenum	EPA 200.8
109.020	013	Nickel	EPA 200.8
109.020	014	Selenium	EPA 200.8
109.020	015	Silver	EPA 200.8
109.020	016	Thallium	EPA 200.8
109.020	017	Vanadium	EPA 200.8
109.020	018	Zinc	EPA 200.8
109.104	001	Chromium (VI)	EPA 218.6
109.190	001	Mercury	EPA 245.1
109.445	002	Chromium (VI)	SM3500-Cr B-2009
Field of Testing: 110 - Volatile Organic Chemistry of Wastewater			
110.040	000	Purgeable Organic Compounds	EPA 624
Field of Testing: 111 - Semi-volatile Organic Chemistry of Wastewater			
111.100	000	Base/Neutral & Acid Organics	EPA 625
111.170	000	Organochlorine Pesticides and PCBs	EPA 608
111.210	000	Carbamates	EPA 632
Field of Testing: 114 - Inorganic Chemistry of Hazardous Waste			
114.010	001	Antimony	EPA 6010B
114.010	002	Arsenic	EPA 6010B
114.010	003	Barium	EPA 6010B
114.010	004	Beryllium	EPA 6010B
114.010	005	Cadmium	EPA 6010B
114.010	006	Chromium	EPA 6010B
114.010	007	Cobalt	EPA 6010B
114.010	008	Copper	EPA 6010B
114.010	009	Lead	EPA 6010B
114.010	010	Molybdenum	EPA 6010B
114.010	011	Nickel	EPA 6010B
114.010	012	Selenium	EPA 6010B

114.010	013	Silver	EPA 6010B	
114.010	014	Thallium	EPA 6010B	
114.010	015	Vanadium	EPA 6010B	
114.010	016	Zinc	EPA 6010B	
114.020	001	Antimony	EPA 6020	
114.020	002	Arsenic	EPA 6020	
114.020	003	Barium	EPA 6020	
114.020	004	Beryllium	EPA 6020	
114.020	005	Cadmium	EPA 6020	
114.020	006	Chromium	EPA 6020	
114.020	007	Cobalt	EPA 6020	
114.020	008	Copper	EPA 6020	
114.020	009	Lead	EPA 6020	
114.020	010	Molybdenum	EPA 6020	
114.020	011	Nickel	EPA 6020	
114.020	012	Selenium	EPA 6020	
114.020	013	Silver	EPA 6020	
114.020	014	Thallium	EPA 6020	
114.020	015	Vanadium	EPA 6020	
114.020	016	Zinc	EPA 6020	
114.140	001	Mercury	EPA 7470A	Interim
114.141	001	Mercury	EPA 7471A	
114.221	001	Cyanide, Total	EPA 9012A	Interim
114.240	001	Corrosivity - pH Determination	EPA 9040B	Interim
114.241	001	Corrosivity - pH Determination	EPA 9045C	
Field of Testing: 115 - Extraction Test of Hazardous Waste				
115.020	001	Toxicity Characteristic Leaching Procedure (TC	EPA 1311 (TCLP)	
115.030	001	Waste Extraction Test (WET)	CCR Chapter11, Article 5, Appendix II	
Field of Testing: 116 - Volatile Organic Chemistry of Hazardous Waste				
116.080	000	Volatile Organic Compounds	EPA 8260B	
116.080	120	Oxygenates	EPA 8260B	
Field of Testing: 117 - Semi-volatile Organic Chemistry of Hazardous Waste				
117.010	001	Diesel-range Total Petroleum Hydrocarbons	EPA 8015B	
117.110	000	Extractable Organics	EPA 8270C	
117.210	000	Organochlorine Pesticides	EPA 8081A	
117.220	000	PCBs	EPA 8082	
117.240	000	Organophosphorus Pesticides	EPA 8141A	
117.250	000	Chlorinated Herbicides	EPA 8151A	
Field of Testing: 126 - Microbiology of Recreational Water				
126.010	001	Total Coliform (Enumeration)	SM9221 B,C-2006	
126.030	001	Fecal Coliform (Enumeration)	SM9221 B,E-2006	
126.050	001	Total Coliform (Enumeration)	SM9223 B (Colilert/Quanti-Tray)	
126.050	002	E. coli (Enumeration)	SM9223 B (Colilert/Quanti-Tray)	
126.080	001	Enterococci	Enterolert	

CALIFORNIA STATE
ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM
Accredited Fields of Testing

LA Testing

5431 Industrial Drive
Huntington Beach, CA 92649 USA
Phone: (714) 828-4999

Certificate No. **1406**
Expiration Date **2/22/2020**

Field of Testing: 114 - Inorganic Chemistry of Hazardous Waste			
114.010	001	Antimony	EPA 6010 B
114.010	002	Arsenic	EPA 6010 B
114.010	003	Barium	EPA 6010 B
114.010	004	Beryllium	EPA 6010 B
114.010	005	Cadmium	EPA 6010 B
114.010	006	Chromium	EPA 6010 B
114.010	007	Cobalt	EPA 6010 B
114.010	008	Copper	EPA 6010 B
114.010	009	Lead	EPA 6010 B
114.010	010	Molybdenum	EPA 6010 B
114.010	011	Nickel	EPA 6010 B
114.010	012	Selenium	EPA 6010 B
114.010	013	Silver	EPA 6010 B
114.010	014	Thallium	EPA 6010 B
114.010	015	Vanadium	EPA 6010 B
114.010	016	Zinc	EPA 6010 B
114.140	001	Mercury	EPA 7470 A
114.141	001	Mercury	EPA 7471 A
114.240	001	Corrosivity - pH Determination	EPA 9040 B
114.241	001	Corrosivity - pH Determination	EPA 9045 C
Field of Testing: 115 - Extraction Test of Hazardous Waste			
115.021	001	TCLP Inorganics	EPA 1311 (TCLP)
115.030	001	Waste Extraction Test (WET)	CCR Chapter11, Article 5, Appendix II
Field of Testing: 120 - Physical Properties of Hazardous Waste			
120.070	001	Corrosivity - pH Determination	EPA 9040 B
120.080	001	Corrosivity - pH Determination	EPA 9045 C
Field of Testing: 121 - Bulk Asbestos Analysis of Hazardous Waste			
121.010	001	Bulk Asbestos	EPA 600/M4-82-020

As of 2/12/2019 , this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

CALIFORNIA STATE
ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM
Accredited Fields of Testing

North Coast Laboratories, Ltd.

5680 West End Road
Arcata, CA 95521
Phone: (707) 822-4649

Certificate No. **1247**
Expiration Date **7/31/2020**

Field of Testing: 101 - Microbiology of Drinking Water			
101.010	001	Heterotrophic Bacteria	SM9215 B
101.050	001	Total Coliform P/A	SM9223 B (Colilert)
101.050	002	E. coli P/A	SM9223 B (Colilert)
101.050	003	Total Coliform (Enumeration)	SM9223 B (Colilert)
101.050	004	E. coli (Enumeration)	SM9223 B (Colilert)
Field of Testing: 102 - Inorganic Chemistry of Drinking Water			
102.026	001	Calcium	EPA 200.7
102.026	002	Magnesium	EPA 200.7
102.026	003	Potassium	EPA 200.7
102.026	005	Sodium	EPA 200.7
102.030	001	Bromide	EPA 300.0
102.030	003	Chloride	EPA 300.0
102.030	005	Fluoride	EPA 300.0
102.030	006	Nitrate (as N)	EPA 300.0
102.030	007	Nitrite (as N)	EPA 300.0
102.030	009	Sulfate	EPA 300.0
102.100	001	Alkalinity	SM2320B-1997
102.120	001	Hardness (calculation)	SM2340B-1997
102.130	001	Conductivity	SM2510B-1997
102.140	001	Residue, Filterable TDS	SM2540C-1997
102.175	001	Chlorine, Free	SM4500-Cl G-2000
102.175	002	Chlorine, Total Residual	SM4500-Cl G-2000
102.240	001	Phosphate, Ortho (as P)	SM4500-P E-1999
102.262	001	Total Organic Carbon TOC	SM5310C-2000
102.263	001	Dissolved Organic Carbon (DOC)	SM5310C-2000
102.270	001	Surfactants	SM5540 C-2000
Field of Testing: 103 - Toxic Chemical Elements of Drinking Water			
103.130	001	Aluminum	EPA 200.7
103.130	003	Barium	EPA 200.7
103.130	004	Beryllium	EPA 200.7
103.130	005	Cadmium	EPA 200.7
103.130	007	Chromium	EPA 200.7
103.130	008	Copper	EPA 200.7
103.130	009	Iron	EPA 200.7
103.130	011	Manganese	EPA 200.7
103.130	012	Nickel	EPA 200.7
103.130	015	Silver	EPA 200.7

103.130	017	Zinc	EPA 200.7
103.130	018	Boron	EPA 200.7
103.140	001	Aluminum	EPA 200.8
103.140	002	Antimony	EPA 200.8
103.140	003	Arsenic	EPA 200.8
103.140	004	Barium	EPA 200.8
103.140	005	Beryllium	EPA 200.8
103.140	006	Cadmium	EPA 200.8
103.140	007	Chromium	EPA 200.8
103.140	008	Copper	EPA 200.8
103.140	009	Lead	EPA 200.8
103.140	010	Manganese	EPA 200.8
103.140	012	Nickel	EPA 200.8
103.140	013	Selenium	EPA 200.8
103.140	014	Silver	EPA 200.8
103.140	015	Thallium	EPA 200.8
103.140	016	Zinc	EPA 200.8
103.140	018	Vanadium	EPA 200.8
103.160	001	Mercury	EPA 245.1

Field of Testing: 104 - Volatile Organic Chemistry of Drinking Water

104.030	001	1,2-Dibromoethane (EDB, Ethylene Dibromide	EPA 504.1
104.030	002	1,2-Dibromo-3-chloropropane (DBCP)	EPA 504.1
104.040	000	Volatile Organic Compounds	EPA 524.2
104.040	001	Benzene	EPA 524.2
104.040	007	n-Butylbenzene	EPA 524.2
104.040	008	sec-Butylbenzene	EPA 524.2
104.040	009	tert-Butylbenzene	EPA 524.2
104.040	010	Carbon Tetrachloride	EPA 524.2
104.040	011	Chlorobenzene	EPA 524.2
104.040	015	2-Chlorotoluene	EPA 524.2
104.040	016	4-Chlorotoluene	EPA 524.2
104.040	019	1,3-Dichlorobenzene	EPA 524.2
104.040	020	1,2-Dichlorobenzene	EPA 524.2
104.040	021	1,4-Dichlorobenzene	EPA 524.2
104.040	022	Dichlorodifluoromethane	EPA 524.2
104.040	023	1,1-Dichloroethane	EPA 524.2
104.040	024	1,2-Dichloroethane	EPA 524.2
104.040	025	1,1-Dichloroethene (1,1-Dichloroethylene)	EPA 524.2
104.040	026	cis-1,2-Dichloroethene	EPA 524.2
104.040	027	trans-1,2-Dichloroethene	EPA 524.2
104.040	028	Dichloromethane (Methylene Chloride)	EPA 524.2
104.040	029	1,2-Dichloropropane	EPA 524.2
104.040	033	cis-1,3-Dichloropropene	EPA 524.2
104.040	034	trans-1,3-Dichloropropene	EPA 524.2
104.040	035	Ethylbenzene	EPA 524.2
104.040	037	Isopropylbenzene	EPA 524.2
104.040	039	Naphthalene	EPA 524.2

104.040	041	N-propylbenzene	EPA 524.2
104.040	042	Styrene	EPA 524.2
104.040	043	1,1,1,2-Tetrachloroethane	EPA 524.2
104.040	044	1,1,2,2-Tetrachloroethane	EPA 524.2
104.040	045	Tetrachloroethylene (Perchloroethylene)	EPA 524.2
104.040	046	Toluene	EPA 524.2
104.040	047	1,2,3-Trichlorobenzene	EPA 524.2
104.040	048	1,2,4-Trichlorobenzene	EPA 524.2
104.040	049	1,1,1-Trichloroethane	EPA 524.2
104.040	050	1,1,2-Trichloroethane	EPA 524.2
104.040	051	Trichloroethene	EPA 524.2
104.040	052	Trichlorofluoromethane	EPA 524.2
104.040	054	1,2,4-Trimethylbenzene	EPA 524.2
104.040	055	1,3,5-Trimethylbenzene	EPA 524.2
104.040	056	Vinyl Chloride	EPA 524.2
104.040	057	Xylenes, Total	EPA 524.2
104.045	000	Trihalomethanes, Total	EPA 524.2
104.045	001	Bromodichloromethane	EPA 524.2
104.045	002	Bromoform	EPA 524.2
104.045	003	Chloroform	EPA 524.2
104.045	004	Dibromochloromethane	EPA 524.2
104.050	000	Gasoline Additives	EPA 524.2
104.050	002	Methyl tert-butyl Ether (MTBE)	EPA 524.2
104.050	003	tert-Amyl Methyl Ether (TAME)	EPA 524.2
104.050	004	Ethyl tert-butyl Ether (ETBE)	EPA 524.2
104.050	005	Trichlorotrifluoroethane	EPA 524.2
104.050	006	tert-Butyl Alcohol (TBA)	EPA 524.2

Field of Testing: 105 - Semi-volatile Organic Chemistry of Drinking Water

105.010	000	Organochlorine Pesticides and PCBs	EPA 505
105.010	002	Alachlor	EPA 505
105.010	004	Chlordane	EPA 505
105.010	006	Endrin	EPA 505
105.010	007	Heptachlor	EPA 505
105.010	008	Heptachlor Epoxide	EPA 505
105.010	009	Hexachlorobenzene	EPA 505
105.010	010	Hexachlorocyclopentadiene	EPA 505
105.010	011	Lindane	EPA 505
105.010	012	Methoxychlor	EPA 505
105.010	014	Toxaphene	EPA 505
105.010	015	PCBs as Aroclors (screen)	EPA 505
105.020	000	Phthalates & Adiptate Esters	EPA 506
105.020	001	Di(2-ethylhexyl) Adipate	EPA 506
105.020	002	Di(2-ethylhexyl) Phthalate	EPA 506
105.030	000	N-, P- Pesticides	EPA 507
105.030	001	Alachlor	EPA 507
105.030	002	Atrazine	EPA 507
105.030	003	Butachlor	EPA 507

105.030	005	Metolachlor	EPA 507
105.030	006	Metribuzin	EPA 507
105.030	007	Molinate	EPA 507
105.030	008	Prometryn	EPA 507
105.030	009	Simazine	EPA 507
105.082	000	Chlorinated Acids	EPA 515.3
105.082	001	2,4-D	EPA 515.3
105.082	002	Dinoseb	EPA 515.3
105.082	003	Pentachlorophenol	EPA 515.3
105.082	004	Picloram	EPA 515.3
105.082	005	2,4,5-TP (Silvex)	EPA 515.3
105.082	006	Bentazon	EPA 515.3
105.082	007	Dalapon	EPA 515.3
105.082	008	Dicamba	EPA 515.3
105.100	000	Carbamates	EPA 531.1
105.100	001	Aldicarb	EPA 531.1
105.100	002	Aldicarb Sulfone	EPA 531.1
105.100	003	Aldicarb Sulfoxide	EPA 531.1
105.100	004	Carbaryl	EPA 531.1
105.100	005	Carbofuran	EPA 531.1
105.100	006	3-Hydroxycarbofuran	EPA 531.1
105.100	007	Methomyl	EPA 531.1
105.100	008	Oxamyl	EPA 531.1
105.120	001	Glyphosate	EPA 547
105.140	001	Endothall	EPA 548.1
105.150	001	Diquat	EPA 549.2
105.161	001	Benzo(a)pyrene	EPA 550.1
105.200	001	Bromoacetic Acid	EPA 552.2
105.200	003	Chloroacetic Acid	EPA 552.2
105.200	005	Dibromoacetic Acid	EPA 552.2
105.200	006	Dichloroacetic Acid	EPA 552.2
105.200	007	Trichloroacetic Acid	EPA 552.2
105.200	008	Haloacetic Acids (HAA5)	EPA 552.2
Field of Testing: 107 - Microbiology of Wastewater			
107.010	001	Heterotrophic Bacteria	SM9215 B
107.020	002	Total Coliform (Enumeration)	SM9221 B-2006
107.040	002	Fecal Coliform (Enumeration)	SM9221 C,E-2006
107.245	002	E. coli (Enumeration)	SM9223 B (Colilert)
Field of Testing: 108 - Inorganic Chemistry of Wastewater			
108.090	001	Residue, Volatile	EPA 160.4
108.110	001	Turbidity	EPA 180.1
108.112	001	Boron	EPA 200.7
108.112	002	Calcium	EPA 200.7
108.112	004	Magnesium	EPA 200.7
108.112	005	Potassium	EPA 200.7
108.112	007	Sodium	EPA 200.7

108.120	001	Bromide	EPA 300.0
108.120	002	Chloride	EPA 300.0
108.120	003	Fluoride	EPA 300.0
108.120	008	Sulfate	EPA 300.0
108.120	012	Nitrate (as N)	EPA 300.0
108.120	013	Nitrate-Nitrite (as N)	EPA 300.0
108.120	014	Nitrite (as N)	EPA 300.0
108.360	001	Phenols, Total	EPA 420.1
108.381	002	Oil & Grease Total	EPA 1664 Rev. B
108.410	001	Alkalinity	SM2320B-1997
108.420	001	Hardness (calculation)	SM2340B-1997
108.430	001	Conductivity	SM2510B-1997
108.440	001	Residue, Total	SM2540B-1997
108.441	001	Residue, Filterable TDS	SM2540C-1997
108.442	001	Residue, Non-filterable TSS	SM2540D-1997
108.443	001	Residue, Settleable	SM2540F-1997
108.465	001	Chlorine, Total Residual	SM4500-Cl G-2000
108.490	001	Hydrogen Ion (pH)	SM4500-H+ B-2000
108.540	001	Phosphate, Ortho (as P)	SM4500-P E-1999
108.541	001	Phosphorus, Total	SM4500-P E-1999
108.592	001	Biochemical Oxygen Demand	SM5210B-2001
108.592	002	Carbonaceous BOD	SM5210B-2001
108.597	001	Organic Carbon-Total (TOC)	SM5310C-2000
108.605	001	Surfactants	SM5540 C-2000
108.660	001	Chemical Oxygen Demand	HACH8000

Field of Testing: 109 - Toxic Chemical Elements of Wastewater

109.010	001	Aluminum	EPA 200.7
109.010	002	Antimony	EPA 200.7
109.010	003	Arsenic	EPA 200.7
109.010	004	Barium	EPA 200.7
109.010	005	Beryllium	EPA 200.7
109.010	006	Boron	EPA 200.7
109.010	007	Cadmium	EPA 200.7
109.010	009	Chromium	EPA 200.7
109.010	010	Cobalt	EPA 200.7
109.010	011	Copper	EPA 200.7
109.010	012	Iron	EPA 200.7
109.010	013	Lead	EPA 200.7
109.010	015	Manganese	EPA 200.7
109.010	016	Molybdenum	EPA 200.7
109.010	017	Nickel	EPA 200.7
109.010	019	Selenium	EPA 200.7
109.010	021	Silver	EPA 200.7
109.010	023	Thallium	EPA 200.7
109.010	026	Vanadium	EPA 200.7
109.010	027	Zinc	EPA 200.7
109.020	001	Aluminum	EPA 200.8

109.020	002	Antimony	EPA 200.8
109.020	003	Arsenic	EPA 200.8
109.020	004	Barium	EPA 200.8
109.020	005	Beryllium	EPA 200.8
109.020	006	Cadmium	EPA 200.8
109.020	007	Chromium	EPA 200.8
109.020	008	Cobalt	EPA 200.8
109.020	009	Copper	EPA 200.8
109.020	010	Lead	EPA 200.8
109.020	011	Manganese	EPA 200.8
109.020	012	Molybdenum	EPA 200.8
109.020	013	Nickel	EPA 200.8
109.020	014	Selenium	EPA 200.8
109.020	015	Silver	EPA 200.8
109.020	016	Thallium	EPA 200.8
109.020	017	Vanadium	EPA 200.8
109.020	018	Zinc	EPA 200.8
109.190	001	Mercury	EPA 245.1
109.446	001	Chromium (VI)	SM3500-Cr C-2009

Field of Testing: 110 - Volatile Organic Chemistry of Wastewater

110.040	000	Purgeable Organic Compounds	EPA 624

Field of Testing: 111 - Semi-volatile Organic Chemistry of Wastewater

111.030	000	Phthalate Esters	EPA 606
111.093	000	Chlorinated Herbicides	EPA 615
111.170	000	Organochlorine Pesticides and PCBs	EPA 608
111.190	000	Organophosphorus Pesticides	EPA 619
111.210	000	Carbamates	EPA 632

Field of Testing: 114 - Inorganic Chemistry of Hazardous Waste

114.010	001	Antimony	EPA 6010B
114.010	002	Arsenic	EPA 6010B
114.010	003	Barium	EPA 6010B
114.010	004	Beryllium	EPA 6010B
114.010	005	Cadmium	EPA 6010B
114.010	006	Chromium	EPA 6010B
114.010	007	Cobalt	EPA 6010B
114.010	008	Copper	EPA 6010B
114.010	009	Lead	EPA 6010B
114.010	010	Molybdenum	EPA 6010B
114.010	011	Nickel	EPA 6010B
114.010	012	Selenium	EPA 6010B
114.010	013	Silver	EPA 6010B
114.010	014	Thallium	EPA 6010B
114.010	015	Vanadium	EPA 6010B
114.010	016	Zinc	EPA 6010B
114.020	001	Antimony	EPA 6020
114.020	002	Arsenic	EPA 6020

114.020	003	Barium	EPA 6020
114.020	004	Beryllium	EPA 6020
114.020	005	Cadmium	EPA 6020
114.020	006	Chromium	EPA 6020
114.020	007	Cobalt	EPA 6020
114.020	008	Copper	EPA 6020
114.020	009	Lead	EPA 6020
114.020	010	Molybdenum	EPA 6020
114.020	011	Nickel	EPA 6020
114.020	012	Selenium	EPA 6020
114.020	013	Silver	EPA 6020
114.020	014	Thallium	EPA 6020
114.020	015	Vanadium	EPA 6020
114.020	016	Zinc	EPA 6020
114.141	001	Mercury	EPA 7471A
114.241	001	Corrosivity - pH Determination	EPA 9045C
Field of Testing: 115 - Extraction Test of Hazardous Waste			
115.021	001	TCLP Inorganics	EPA 1311 (TCLP)
115.030	001	Waste Extraction Test (WET)	CCR Chapter11, Article 5, Appendix II
Field of Testing: 116 - Volatile Organic Chemistry of Hazardous Waste			
116.080	000	Volatile Organic Compounds	EPA 8260B
116.080	120	Oxygenates	EPA 8260B
116.100	010	BTEX and MTBE	LUFT GC/MS
Field of Testing: 117 - Semi-volatile Organic Chemistry of Hazardous Waste			
117.010	001	Diesel-range Total Petroleum Hydrocarbons	EPA 8015B
117.016	001	Diesel-range Total Petroleum Hydrocarbons	LUFT
117.210	000	Organochlorine Pesticides	EPA 8081A
117.250	000	Chlorinated Herbicides	EPA 8151A
117.280	000	Carbamates	EPA 8321A

CALIFORNIA
Water Boards
STATE WATER RESOURCES CONTROL BOARD
REGIONAL WATER QUALITY CONTROL BOARDS

CALIFORNIA STATE

ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

CERTIFICATE OF ENVIRONMENTAL ACCREDITATION

Is hereby granted to

Pace Analytical Services, LLC-Pittsburg PA

1638 Roseytown Road

Greensburg, PA 15601

Scope of the certificate is limited to the
"Fields of Testing"
which accompany this Certificate.

Continued accredited status depends on successful completion of on-site inspection, proficiency testing studies, and payment of applicable fees.

This Certificate is granted in accordance with provisions of
Section 100825, et seq. of the Health and Safety Code.

Certificate No.: **2950**

Expiration Date: **3/31/2019**

Effective Date: **2/1/2017**

Sacramento, California
subject to forfeiture or revocation

Christine Sotelo, Chief
Environmental Laboratory Accreditation Program

CALIFORNIA
Water Boards
STATE WATER RESOURCES CONTROL BOARD
REGIONAL WATER QUALITY CONTROL BOARDS

CALIFORNIA STATE
ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM
Accredited Fields of Testing

Pace Analytical Services, LLC-Pittsburg PA

1638 Roseytown Road
Greensburg, PA 15601
Phone: (724) 850-5600

Certificate No. **2950**
Expiration Date **3/31/2019**

Field of Testing: 106 - Radiochemistry of Drinking Water			
106.010	001	Gross Alpha	EPA 900.0
106.010	002	Gross Beta	EPA 900.0
106.030	003	Gamma Emitters	EPA 901.1
106.050	001	Total Alpha Radium	EPA 903.0
106.051	001	Radium-226	EPA 903.1
106.060	001	Radium-228	EPA 904.0
106.070	003	Strontium-90	EPA 905.0
106.080	001	Tritium	EPA 906.0
106.270	001	Gross Alpha by Coprecipitation	SM7110C
106.480	001	Uranium (mass)	ASTM D5174-97
106.610	001	Radon-222	SM7500-Rn
Field of Testing: 118 - Radiochemistry of Hazardous Waste			
118.010	001	Gross Alpha	EPA 9310
118.010	002	Gross Beta	EPA 9310

As of 5/16/2018 , this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

CALIFORNIA
Water Boards

EDMUND G. BROWN JR.
GOVERNOR

MATTHEW RODRIQUEZ
SECRETARY FOR
ENVIRONMENTAL PROTECTION

State Water Resources Control Board

May 16, 2018

William Billings
Pace Analytical Services, LLC-Pittsburg PA
1638 Roseytown Road, Suites 2, 3, & 4
Greensburg, PA 15601

Dear William Billings: Certificate No. 2950

This notice advises that the laboratory named above has been certified as an environmental testing laboratory pursuant to the provisions of the Health and Safety Code (HSC), Division 101, Part 1, Chapter 4, Section 100825, *et seq.*

The Fields of Testing for which this laboratory has been certified are indicated on the enclosed "Fields of Testing" list. The certificate shall remain in effect until **March 31, 2019** unless it is revoked. This certificate is subject to an annual fee as determined by HSC 100860.1(a).

The application for renewal of this certificate must be received 90 days prior to the expiration date to remain in force according to HSC 100845(a). You must submit annual Proficiency Testing results before the due date of your annual fee to remain in compliance.

Any change in laboratory location or alteration to laboratory structure that could adversely affect quality of analysis in certified methods require notification prior to the change. Notification is also required for a transfer in ownership or appointment of new laboratory director within 30 days of the change (HSC, Section 100845(b) and (d)).

Your continued cooperation with the above requirements is essential for maintaining the high quality of the data produced by environmental laboratories certified by the State of California.

Please contact our office at (916) 323-3431 or elapca@waterboards.ca.gov with questions.

Sincerely,

Christine Sotelo, Chief
Environmental Laboratory Accreditation Program

Enclosure

Rec'd
5-21-18

CALIFORNIA
Water Boards
STATE WATER RESOURCES CONTROL BOARD
REGIONAL WATER QUALITY CONTROL BOARDS

CALIFORNIA STATE

ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

CERTIFICATE OF ENVIRONMENTAL ACCREDITATION

Is hereby granted to

Pat-Chem Laboratories

11990 Discovery Court

Moorpark, CA 93021

Scope of the certificate is limited to the
"Fields of Testing"
which accompany this Certificate.

Continued accredited status depends on successful completion of on-site inspection, proficiency testing studies, and payment of applicable fees.

This Certificate is granted in accordance with provisions of Section 100825, et seq. of the Health and Safety Code.

Certificate No.: **1531**

Expiration Date: **5/31/2019**

Effective Date: **6/1/2017**

Sacramento, California
subject to forfeiture or revocation

Christine Sotelo, Chief
Environmental Laboratory Accreditation Program

CALIFORNIA STATE
ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM
Accredited Fields of Testing

Pat-Chem Laboratories

11990 Discovery Court
Moorpark, CA 93021
Phone: (805) 532-0012

Certificate No. 1531
Expiration Date 5/31/2019

Field of Testing: 101 - Microbiology of Drinking Water

101.010	001	Heterotrophic Bacteria	SM9215B
101.010	001	Heterotrophic Bacteria	SM9215B
101.010	002	Heterotrophic Bacteria	SimPlate
101.011	001	Heterotrophic Bacteria	SimPlate
101.020	001	Total Coliform P/A	SM9221B
101.020	002	Fecal Coliform P/A	SM 9221 B,E
101.020	003	E. coli P/A	SM 9221 B,F
101.050	001	Total Coliform P/A	SM9223B (Colilert)
101.050	001	Total Coliform P/A	SM9223B (Colilert)
101.050	002	E. coli P/A	SM9223B (Colilert)
101.050	002	E. coli P/A	SM9223B (Colilert)

Field of Testing: 102 - Inorganic Chemistry of Drinking Water

102.015	001	Hydrogen Ion (pH)	EPA 150.1
102.015	001	Hydrogen Ion (pH)	EPA 150.1
102.020	001	Turbidity	EPA 180.1
102.020	001	Turbidity	EPA 180.1
102.026	001	Calcium	EPA 200.7
102.026	002	Magnesium	EPA 200.7
102.026	003	Potassium	EPA 200.7
102.026	004	Silica	EPA 200.7
102.026	005	Sodium	EPA 200.7
102.026	006	Hardness (calculation)	EPA 200.7
102.030	001	Bromide	EPA 300.0
102.030	001	Bromide	EPA 300.0
102.030	002	Chlorate	EPA 300.0
102.030	002	Chlorate	EPA 300.0
102.030	003	Chloride	EPA 300.0
102.030	003	Chloride	EPA 300.0
102.030	004	Chlorite	EPA 300.0
102.030	004	Chlorite	EPA 300.0
102.030	005	Fluoride	EPA 300.0
102.030	005	Fluoride	EPA 300.0
102.030	006	Nitrate	EPA 300.0
102.030	006	Nitrate (as N)	EPA 300.0
102.030	007	Nitrite (as N)	EPA 300.0
102.030	007	Nitrite	EPA 300.0
102.030	008	Phosphate, Ortho (as P)	EPA 300.0
102.030	008	Phosphate, Ortho	EPA 300.0

As of 5/31/2017 , this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

102.030	009	Sulfate	EPA 300.0
102.030	010	Sulfate	EPA 300.0
102.045	001	Perchlorate	EPA 314.0
102.045	001	Perchlorate	EPA 314.0
102.060	001	Nitrate (as N) (Calculation)	EPA 353.2
102.060	001	Nitrate (as N) (Calculation)	EPA 353.2
102.061	001	Nitrite	EPA 353.2
102.061	001	Nitrite	EPA 353.2
102.070	001	Phosphate, Ortho	EPA 365.1
102.095	001	Turbidity	SM2130B-2001
102.095	001	Turbidity	SM2130B-2001
102.100	001	Alkalinity	SM2320B
102.100	001	Alkalinity	SM2320B-1997
102.120	001	Hardness (calculation)	SM2340B-1997
102.120	001	Hardness	SM2340B
102.121	001	Hardness	SM2340C
102.121	001	Hardness	SM2340C-1997
102.130	001	Conductivity	SM2510B-1997
102.130	001	Conductivity	SM2510B
102.140	001	Total Dissolved Solids	SM2540C
102.140	001	Residue, Filterable TDS	SM2540C-1997
102.147	001	Calcium	SM3120B-1999
102.147	002	Magnesium	SM3120B-1999
102.147	003	Potassium	SM3120B-1999
102.147	004	Silica	SM3120B-1999
102.147	006	Hardness (calculation)	SM3120B-1999
102.150	001	Chloride	SM4110B
102.150	002	Fluoride	SM4110B
102.150	003	Nitrate	SM4110B
102.150	004	Nitrite	SM4110B
102.150	005	Phosphate, Ortho	SM4110B
102.150	006	Sulfate	SM4110B
102.175	001	Chlorine, Free	SM4500-Cl G-2000
102.175	001	Chlorine, Free	SM4500-Cl G-2000
102.175	002	Chlorine, Total Residual	SM4500-Cl G-2000
102.175	002	Chlorine, Total Residual	SM4500-Cl G-2000
102.190	001	Cyanide, Total	SM4500-CN E
102.190	001	Cyanide, Total	SM4500-CN E
102.191	001	Cyanide, Total	SM4500-CN F
102.192	001	Cyanide, amenable	SM4500-CN G
102.200	001	Fluoride	SM4500-F C-1997
102.200	001	Fluoride	SM4500-F C
102.203	001	Hydrogen Ion (pH)	SM4500-H+ B-2000
102.203	001	Hydrogen Ion (pH)	SM4500-H+ B-2000
102.234	001	Nitrite (as N)	SM4500-NO3- F-2000
102.234	001	Nitrite	SM4500-NO3 F
102.234	002	Nitrate (as N)	SM4500-NO3- F-2000

102.234	002	Nitrate	SM4500-NO3 F
102.241	001	Phosphate, Ortho	SM4500-P F
102.260	001	Total Organic Carbon TOC	SM5310B-2000
102.260	001	Total Organic Carbon TOC	SM5310B
102.261	001	Dissolved Organic Carbon (DOC)	SM5310B-2000
102.261	001	Dissolved Organic Carbon (DOC)	SM5310B
102.270	001	Surfactants	SM5540C-2000
102.270	001	Surfactants	SM5540C
102.520	001	Calcium	EPA 200.7
102.520	002	Magnesium	EPA 200.7
102.520	003	Potassium	EPA 200.7
102.520	004	Silica	EPA 200.7
102.520	005	Sodium	EPA 200.7
102.520	006	Hardness (calculation)	EPA 200.7

Field of Testing: 103 - Toxic Chemical Elements of Drinking Water

103.030	001	Mercury	SM3112B
103.060	001	Aluminum	SM3120B
103.060	003	Barium	SM3120B
103.060	004	Beryllium	SM3120B
103.060	007	Chromium	SM3120B
103.060	008	Copper	SM3120B
103.060	009	Iron	SM3120B
103.060	011	Manganese	SM3120B
103.060	012	Nickel	SM3120B
103.060	015	Silver	SM3120B
103.060	017	Zinc	SM3120B
103.130	001	Aluminum	EPA 200.7
103.130	001	Aluminum	EPA 200.7
103.130	003	Barium	EPA 200.7
103.130	003	Barium	EPA 200.7
103.130	004	Beryllium	EPA 200.7
103.130	004	Beryllium	EPA 200.7
103.130	005	Cadmium	EPA 200.7
103.130	005	Cadmium	EPA 200.7
103.130	007	Chromium	EPA 200.7
103.130	007	Chromium	EPA 200.7
103.130	008	Copper	EPA 200.7
103.130	008	Copper	EPA 200.7
103.130	009	Iron	EPA 200.7
103.130	009	Iron	EPA 200.7
103.130	011	Manganese	EPA 200.7
103.130	011	Manganese	EPA 200.7
103.130	012	Nickel	EPA 200.7
103.130	012	Nickel	EPA 200.7
103.130	015	Silver	EPA 200.7
103.130	015	Silver	EPA 200.7
103.130	017	Zinc	EPA 200.7

103.130	017	Zinc	EPA 200.7
103.130	018	Boron	EPA 200.7
103.130	018	Boron	EPA 200.7
103.140	001	Aluminum	EPA 200.8
103.140	001	Aluminum	EPA 200.8
103.140	002	Antimony	EPA 200.8
103.140	002	Antimony	EPA 200.8
103.140	003	Arsenic	EPA 200.8
103.140	003	Arsenic	EPA 200.8
103.140	004	Barium	EPA 200.8
103.140	004	Barium	EPA 200.8
103.140	005	Beryllium	EPA 200.8
103.140	005	Beryllium	EPA 200.8
103.140	006	Cadmium	EPA 200.8
103.140	006	Cadmium	EPA 200.8
103.140	007	Chromium	EPA 200.8
103.140	007	Chromium	EPA 200.8
103.140	008	Copper	EPA 200.8
103.140	008	Copper	EPA 200.8
103.140	009	Lead	EPA 200.8
103.140	009	Lead	EPA 200.8
103.140	010	Manganese	EPA 200.8
103.140	010	Manganese	EPA 200.8
103.140	012	Nickel	EPA 200.8
103.140	012	Nickel	EPA 200.8
103.140	013	Selenium	EPA 200.8
103.140	013	Selenium	EPA 200.8
103.140	014	Silver	EPA 200.8
103.140	014	Silver	EPA 200.8
103.140	015	Thallium	EPA 200.8
103.140	015	Thallium	EPA 200.8
103.140	016	Zinc	EPA 200.8
103.140	016	Zinc	EPA 200.8
103.140	017	Boron	EPA 200.8
103.140	017	Boron	EPA 200.8
103.140	018	Vanadium	EPA 200.8
103.140	018	Vanadium	EPA 200.8
103.160	001	Mercury	EPA 245.1
103.160	001	Mercury	EPA 245.1
103.310	001	Chromium (VI)	EPA 218.6
103.310	001	Chromium (VI)	EPA 218.6

Field of Testing: 104 - Volatile Organic Chemistry of Drinking Water

104.030	001	1,2-Dibromoethane	EPA 504.1
104.030	001	1,2-Dibromoethane	EPA 504.1
104.030	002	1,2-Dibromo-3-chloropropane	EPA 504.1
104.030	002	1,2-Dibromo-3-chloropropane	EPA 504.1
104.030	003	1,2,3-Trichloropropane	EPA 504.1

104.030	003	1,2,3-Trichloropropane	EPA 504.1
104.035	001	1,2,3-Trichloropropane	SRL 524M-TCP
104.035	001	1,2,3-Trichloropropane	SRL 524M-TCP
104.040	000	Volatile Organic Compounds	EPA 524.2
104.040	000	Volatile Organic Compounds	EPA 524.2
104.040	001	Benzene	EPA 524.2
104.040	001	Benzene	EPA 524.2
104.040	007	n-Butylbenzene	EPA 524.2
104.040	007	n-Butylbenzene	EPA 524.2
104.040	008	sec-Butylbenzene	EPA 524.2
104.040	008	sec-Butylbenzene	EPA 524.2
104.040	009	tert-Butylbenzene	EPA 524.2
104.040	009	tert-Butylbenzene	EPA 524.2
104.040	010	Carbon Tetrachloride	EPA 524.2
104.040	010	Carbon Tetrachloride	EPA 524.2
104.040	011	Chlorobenzene	EPA 524.2
104.040	011	Chlorobenzene	EPA 524.2
104.040	015	2-Chlorotoluene	EPA 524.2
104.040	015	2-Chlorotoluene	EPA 524.2
104.040	016	4-Chlorotoluene	EPA 524.2
104.040	016	4-Chlorotoluene	EPA 524.2
104.040	019	1,3-Dichlorobenzene	EPA 524.2
104.040	019	1,3-Dichlorobenzene	EPA 524.2
104.040	020	1,2-Dichlorobenzene	EPA 524.2
104.040	020	1,2-Dichlorobenzene	EPA 524.2
104.040	021	1,4-Dichlorobenzene	EPA 524.2
104.040	021	1,4-Dichlorobenzene	EPA 524.2
104.040	022	Dichlorodifluoromethane	EPA 524.2
104.040	022	Dichlorodifluoromethane	EPA 524.2
104.040	023	1,1-Dichloroethane	EPA 524.2
104.040	023	1,1-Dichloroethane	EPA 524.2
104.040	024	1,2-Dichloroethane	EPA 524.2
104.040	024	1,2-Dichloroethane	EPA 524.2
104.040	025	1,1-Dichloroethene	EPA 524.2
104.040	025	1,1-Dichloroethene	EPA 524.2
104.040	026	cis-1,2-Dichloroethene	EPA 524.2
104.040	026	cis-1,2-Dichloroethene	EPA 524.2
104.040	027	trans-1,2-Dichloroethene	EPA 524.2
104.040	027	trans-1,2-Dichloroethene	EPA 524.2
104.040	028	Dichloromethane	EPA 524.2
104.040	028	Dichloromethane	EPA 524.2
104.040	029	1,2-Dichloropropane	EPA 524.2
104.040	029	1,2-Dichloropropane	EPA 524.2
104.040	033	cis-1,3-Dichloropropene	EPA 524.2
104.040	033	cis-1,3-Dichloropropene	EPA 524.2
104.040	034	trans-1,3-Dichloropropene	EPA 524.2
104.040	034	trans-1,3-Dichloropropene	EPA 524.2

104.040	035	Ethylbenzene	EPA 524.2
104.040	035	Ethylbenzene	EPA 524.2
104.040	037	Isopropylbenzene	EPA 524.2
104.040	037	Isopropylbenzene	EPA 524.2
104.040	039	Naphthalene	EPA 524.2
104.040	039	Naphthalene	EPA 524.2
104.040	041	N-propylbenzene	EPA 524.2
104.040	041	N-propylbenzene	EPA 524.2
104.040	042	Styrene	EPA 524.2
104.040	042	Styrene	EPA 524.2
104.040	043	1,1,1,2-Tetrachloroethane	EPA 524.2
104.040	043	1,1,1,2-Tetrachloroethane	EPA 524.2
104.040	044	1,1,2,2-Tetrachloroethane	EPA 524.2
104.040	044	1,1,2,2-Tetrachloroethane	EPA 524.2
104.040	045	Tetrachloroethene	EPA 524.2
104.040	045	Tetrachloroethene	EPA 524.2
104.040	046	Toluene	EPA 524.2
104.040	046	Toluene	EPA 524.2
104.040	047	1,2,3-Trichlorobenzene	EPA 524.2
104.040	048	1,2,4-Trichlorobenzene	EPA 524.2
104.040	048	1,2,4-Trichlorobenzene	EPA 524.2
104.040	049	1,1,1-Trichloroethane	EPA 524.2
104.040	049	1,1,1-Trichloroethane	EPA 524.2
104.040	050	1,1,2-Trichloroethane	EPA 524.2
104.040	050	1,1,2-Trichloroethane	EPA 524.2
104.040	051	Trichloroethene	EPA 524.2
104.040	051	Trichloroethene	EPA 524.2
104.040	052	Trichlorofluoromethane	EPA 524.2
104.040	052	Trichlorofluoromethane	EPA 524.2
104.040	054	1,2,4-Trimethylbenzene	EPA 524.2
104.040	054	1,2,4-Trimethylbenzene	EPA 524.2
104.040	055	1,3,5-Trimethylbenzene	EPA 524.2
104.040	055	1,3,5-Trimethylbenzene	EPA 524.2
104.040	056	Vinyl Chloride	EPA 524.2
104.040	056	Vinyl Chloride	EPA 524.2
104.040	057	Xylenes, Total	EPA 524.2
104.040	057	Xylenes, Total	EPA 524.2
104.045	000	Trihalomethanes, Total	EPA 524.2
104.045	001	Bromodichloromethane	EPA 524.2
104.045	001	Bromodichloromethane	EPA 524.2
104.045	002	Bromoform	EPA 524.2
104.045	002	Bromoform	EPA 524.2
104.045	003	Chloroform	EPA 524.2
104.045	003	Chloroform	EPA 524.2
104.045	004	Dibromochloromethane	EPA 524.2
104.045	004	Dibromochloromethane	EPA 524.2
104.045	005	Trihalomethanes	EPA 524.2

104.050	000	Gasoline Additives	EPA 524.2
104.050	000	Gasoline Additives	EPA 524.2
104.050	002	Methyl tert-butyl Ether (MTBE)	EPA 524.2
104.050	002	Methyl tert-butyl Ether (MTBE)	EPA 524.2
104.050	003	tert-Amyl Methyl Ether (TAME)	EPA 524.2
104.050	004	tert-Amyl Methyl Ether (TAME)	EPA 524.2
104.050	004	Ethyl tert-butyl Ether (ETBE)	EPA 524.2
104.050	005	Trichlorotrifluoroethane	EPA 524.2
104.050	005	Ethyl tert-butyl Ether (ETBE)	EPA 524.2
104.050	006	Trichlorotrifluoroethane	EPA 524.2
104.050	006	tert-Butyl Alcohol (TBA)	EPA 524.2
104.050	007	tert-Butyl Alcohol (TBA)	EPA 524.2
104.050	008	Carbon Disulfide	EPA 524.2
104.050	009	Methyl Isobutyl Ketone	EPA 524.2

Field of Testing: 105 - Semi-volatile Organic Chemistry of Drinking Water

105.020	000	Adipates	EPA 506
105.020	000	Phthalates	EPA 506
105.020	001	Di(2-ethylhexyl) Adipate	EPA 506
105.020	001	Di(2-ethylhexyl) Adipate	EPA 506
105.020	002	Di(2-ethylhexyl) Phthalate	EPA 506
105.020	002	Di(2-ethylhexyl) Phthalate	EPA 506
105.020	010	Phthalates	EPA 506
105.030	000	N-, P- Pesticides	EPA 507
105.030	000	N-, P- Pesticides	EPA 507
105.030	001	Alachlor	EPA 507
105.030	001	Alachlor	EPA 507
105.030	002	Atrazine	EPA 507
105.030	002	Atrazine	EPA 507
105.030	003	Butachlor	EPA 507
105.030	003	Butachlor	EPA 507
105.030	005	Metolachlor	EPA 507
105.030	005	Metolachlor	EPA 507
105.030	006	Metribuzin	EPA 507
105.030	006	Metribuzin	EPA 507
105.030	007	Molinate	EPA 507
105.030	007	Molinate	EPA 507
105.030	008	Prometryn	EPA 507
105.030	008	Prometryn	EPA 507
105.030	009	Simazine	EPA 507
105.030	009	Simazine	EPA 507
105.035	000	Organochlorine Pesticides	EPA 508
105.035	001	Aldrin	EPA 508
105.035	001	Aldrin	EPA 508
105.035	002	Dieldrin	EPA 508
105.035	003	Endosulfan I	EPA 508
105.035	003	Endosulfan I	EPA 508
105.035	004	Endosulfan II	EPA 508

105.035	004	Endosulfan II	EPA 508
105.035	005	Endosulfan Sulfate	EPA 508
105.035	005	Endosulfan Sulfate	EPA 508
105.035	006	Endrin	EPA 508
105.035	007	Endrin Aldehyde	EPA 508
105.035	007	Endrin Aldehyde	EPA 508
105.035	008	Heptachlor	EPA 508
105.035	009	Heptachlor Epoxide	EPA 508
105.035	010	Hexachlorobenzene	EPA 508
105.035	011	Lindane	EPA 508
105.035	012	Methoxychlor	EPA 508
105.035	013	Propachlor	EPA 508
105.035	013	Propachlor	EPA 508
105.035	014	Chlordane	EPA 508
105.035	015	Toxaphene	EPA 508
105.035	018	Aroclor 1221	EPA 508
105.035	019	Aroclor 1232	EPA 508
105.035	020	Arochlor 1242	EPA 508
105.035	020	Arochlor 1242	EPA 508
105.035	021	Aroclor 1248	EPA 508
105.035	022	Aroclor 1254	EPA 508
105.035	022	Aroclor 1254	EPA 508
105.035	023	Aroclor 1260	EPA 508
105.040	000	Chlorinated Pesticides	EPA 508
105.040	003	Chlordane (total)	EPA 508
105.040	007	Endrin	EPA 508
105.040	008	Heptachlor	EPA 508
105.040	009	Heptachlor Epoxide	EPA 508
105.040	010	Hexachlorobenzene	EPA 508
105.040	012	Lindane	EPA 508
105.040	013	Methoxychlor	EPA 508
105.040	015	Toxaphene	EPA 508
105.040	016	PCBs as Aroclors (screen)	EPA 508
105.070	001	Bentazon	EPA 515.1
105.070	001	Bentazon	EPA 515.1
105.070	002	2,4-D	EPA 515.1
105.070	002	2,4-D	EPA 515.1
105.070	003	Dalapon	EPA 515.1
105.070	004	Dicamba	EPA 515.1
105.070	004	Dicamba	EPA 515.1
105.070	005	Dinoseb	EPA 515.1
105.070	005	Dinoseb	EPA 515.1
105.070	006	Pentachlorophenol	EPA 515.1
105.070	006	Pentachlorophenol	EPA 515.1
105.070	007	Picloram	EPA 515.1
105.070	007	Picloram	EPA 515.1
105.070	008	2,4,5-TP	EPA 515.1

105.070	008	2,4,5-TP	EPA 515.1
105.070	009	Chlorinated Acids	EPA 515.1
105.160	000	Polynuclear Aromatic Hydrocarbons	EPA 550
105.160	000	Polynuclear Aromatic Hydrocarbons	EPA 550
105.160	001	Benzo(a)pyrene	EPA 550
105.160	001	Benzo(a)pyrene	EPA 550
105.200	001	Bromoacetic Acid	EPA 552.2
105.200	001	Bromoacetic Acid	EPA 552.2
105.200	003	Chloroacetic Acid	EPA 552.2
105.200	003	Chloroacetic Acid	EPA 552.2
105.200	004	Dalapon	EPA 552.2
105.200	005	Dibromoacetic Acid	EPA 552.2
105.200	005	Dibromoacetic Acid	EPA 552.2
105.200	006	Dichloroacetic Acid	EPA 552.2
105.200	006	Dichloroacetic Acid	EPA 552.2
105.200	007	Trichloroacetic Acid	EPA 552.2
105.200	007	Trichloroacetic Acid	EPA 552.2
105.200	008	Haloacetic Acids (HAA5)	EPA 552.2
105.200	008	Haloacetic Acids (HAA5)	EPA 552.2

Field of Testing: 107 - Microbiology of Wastewater

107.010	001	Heterotrophic Bacteria	SM9215B
107.020	002	Total Coliform (Enumeration)	SM9221B,E-2006
107.020	002	Total Coliform (Enumeration)	SM9221B-2006
107.030	002	Total Coliform with Chlorine Present	SM9221B,C-2006
107.030	002	Total Coliform with Chlorine Present	SM9221B,C-2006
107.040	002	Fecal Coliform (Enumeration)	SM9221C,E-2006
107.040	002	Fecal Coliform (Enumeration)	SM9221C,E-2006
107.050	002	Fecal Coliform with Chlorine Present	SM9221C,E-2006
107.050	002	Fecal Coliform with Chlorine Present	SM9221C,E-2006
107.242	001	Enterococci	Enterolert
107.242	001	Enterococci	Enterolert
107.245	002	E. coli (Enumeration)	SM9223B (Colilert)
107.245	002	E. coli (Enumeration)	SM9223B (Colilert)
107.247	001	E. coli (Enumeration)	SM9221B,F-2006
107.247	001	E. coli (Enumeration)	SM9221B,F-2006

Field of Testing: 108 - Inorganic Chemistry of Wastewater

108.020	001	Conductivity	EPA 120.1
108.020	001	Conductivity	EPA 120.1
108.030	001	Hardness	EPA 130.1
108.051	001	Hydrogen Ion (pH)	EPA 150.1
108.090	001	Residue, Volatile	EPA 160.4
108.090	001	Residue, Volatile	EPA 160.4
108.110	001	Turbidity	EPA 180.1
108.110	001	Turbidity	EPA 180.1
108.112	001	Boron	EPA 200.7
108.112	001	Boron	EPA 200.7

108.112	002	Calcium	EPA 200.7
108.112	002	Calcium	EPA 200.7
108.112	003	Hardness (calculation)	EPA 200.7
108.112	003	Hardness (calculation)	EPA 200.7
108.112	004	Magnesium	EPA 200.7
108.112	004	Magnesium	EPA 200.7
108.112	005	Potassium	EPA 200.7
108.112	005	Potassium	EPA 200.7
108.112	006	Silica	EPA 200.7
108.112	006	Silica, Dissolved	EPA 200.7
108.112	007	Sodium	EPA 200.7
108.112	007	Sodium	EPA 200.7
108.113	001	Boron	EPA 200.8
108.113	001	Boron	EPA 200.8
108.113	002	Calcium	EPA 200.8
108.113	002	Calcium	EPA 200.8
108.113	003	Magnesium	EPA 200.8
108.113	003	Magnesium	EPA 200.8
108.113	004	Potassium	EPA 200.8
108.113	004	Potassium	EPA 200.8
108.113	005	Silica, Dissolved	EPA 200.8
108.113	006	Sodium	EPA 200.8
108.113	006	Sodium	EPA 200.8
108.120	001	Bromide	EPA 300.0
108.120	001	Bromide	EPA 300.0
108.120	002	Chloride	EPA 300.0
108.120	002	Chloride	EPA 300.0
108.120	003	Fluoride	EPA 300.0
108.120	003	Fluoride	EPA 300.0
108.120	008	Sulfate	EPA 300.0
108.120	008	Sulfate	EPA 300.0
108.120	012	Nitrate (as N)	EPA 300.0
108.120	012	Nitrate (as N)	EPA 300.0
108.120	013	Nitrate-Nitrite (as N)	EPA 300.0
108.120	013	Nitrate-Nitrite (as N)	EPA 300.0
108.120	014	Nitrite (as N)	EPA 300.0
108.120	014	Nitrite (as N)	EPA 300.0
108.120	015	Phosphate, Ortho (as P)	EPA 300.0
108.120	015	Phosphate, Ortho (as P)	EPA 300.0
108.209	001	Ammonia (as N)	EPA 350.1
108.209	001	Ammonia (as N)	EPA 350.1
108.210	002	Kjeldahl Nitrogen, Total (as N)	EPA 351.1
108.211	002	Kjeldahl Nitrogen, Total (as N)	EPA 351.2
108.211	002	Kjeldahl Nitrogen, Total (as N)	EPA 351.2
108.232	003	Nitrate-Nitrite (as N)	EPA 353.2
108.232	003	Nitrate-Nitrite (as N)	EPA 353.2
108.232	004	Nitrite (as N)	EPA 353.2

108.232	004	Nitrite (as N)	EPA 353.2
108.260	001	Phosphate, Ortho	EPA 365.1
108.260	001	Phosphate, Ortho	EPA 365.1
108.261	001	Phosphorus, Total	EPA 365.1
108.261	001	Phosphorus, Total	EPA 365.1
108.264	001	Phosphate, Ortho	EPA 365.3
108.265	001	Phosphorus, Total	EPA 365.3
108.266	001	Phosphorus, Total	EPA 365.4
108.323	001	Chemical Oxygen Demand	EPA 410.4
108.323	001	Chemical Oxygen Demand	EPA 410.4
108.360	001	Phenols, Total	EPA 420.1
108.360	001	Phenols, Total	EPA 420.1
108.381	001	Oil and Grease	EPA 1664A
108.381	001	Oil and Grease	EPA 1664A
108.390	001	Turbidity	SM2130B-2001
108.390	001	Turbidity	SM2130B-2001
108.400	001	Acidity	SM2310B-1997
108.410	001	Alkalinity	SM2320B-1997
108.410	001	Alkalinity	SM2320B-1997
108.420	001	Hardness (calculation)	SM2340B-1997
108.420	001	Hardness (calculation)	SM2340B-1997
108.421	001	Hardness	SM2340C-1997
108.421	001	Hardness	SM2340C-1997
108.430	001	Conductivity	SM2510B-1997
108.430	001	Conductivity	SM2510B-1997
108.438	001	Boron	SM3125B-2009
108.438	002	Calcium	SM3125B-2009
108.438	003	Magnesium	SM3125B-2009
108.438	004	Potassium	SM3125B-2009
108.438	006	Sodium	SM3125B-2009
108.438	007	Hardness (calculation)	SM3125B-2009
108.439	001	Residue, Volatile	SM2540E-1997
108.439	001	Residue, Volatile	SM2540E-1997
108.440	001	Residue, Total	SM2540B-1997
108.440	001	Residue, Total	SM2540B-1997
108.441	001	Residue, Filterable TDS	SM2540C-1997
108.441	001	Residue, Filterable TDS	SM2540C-1997
108.442	001	Residue, Non-filterable TSS	SM2540D-1997
108.442	001	Residue, Non-filterable TSS	SM2540D-1997
108.443	001	Residue, Settleable	SM2540F-1997
108.443	001	Residue, Settleable	SM2540F-1997
108.444	001	Temperature	SM2550B-2000
108.444	001	Temperature	SM2550B-2000
108.447	001	Boron	SM3120B-1999
108.447	002	Calcium	SM3120B-1999
108.447	003	Hardness (calculation)	SM3120B-1999
108.447	004	Magnesium	SM3120B-1999

108.447	005	Potassium	SM3120B-1999
108.447	006	Silica	SM3120B-1999
108.447	007	Sodium	SM3120B-1999
108.448	001	Bromide	SM4110B-2000
108.448	002	Chloride	SM4110B-2000
108.448	003	Fluoride	SM4110B-2000
108.448	004	Nitrate (as N)	SM4110B-2000
108.448	005	Nitrite (as N)	SM4110B-2000
108.448	006	Nitrate-nitrite	SM4110B-2000
108.448	007	Phosphate, Ortho	SM4110B-2000
108.448	008	Sulfate	SM4110B-2000
108.465	001	Chlorine, Total Residual	SM4500-Cl G-2000
108.465	001	Chlorine, Total	SM4500-Cl G-2000
108.465	002	Chlorine, Free	SM4500-Cl G-2000
108.465	002	Chlorine, Free	SM4500-Cl G-2000
108.472	001	Cyanide, Total	SM4500-CN E-1999
108.472	001	Cyanide, Total	SM4500-CN C,E-1999
108.473	001	Cyanide, amenable	SM4500-CN G-1999
108.473	001	Cyanide, amenable	SM4500-CN G-1999
108.474	001	Cyanide, Total	SM4500-CN F-1999
108.480	001	Fluoride	SM4500-F B,C-1997
108.480	001	Fluoride	SM4500-F B,C-1997
108.490	001	Hydrogen Ion (pH)	SM4500-H+ B-2000
108.490	001	Hydrogen Ion (pH)	SM4500-H+ B-2000
108.506	002	Ammonia (as N)	SM4500-NH3 G-1997
108.508	002	Ammonia (as N)	SM4500-NH3 G-1997
108.513	001	Kjeldahl Nitrogen, Total (as N)	SM4500-Norg D-1997
108.529	001	Nitrate-Nitrite (as N)	SM4500-NO3- F-2000
108.529	001	Nitrate-Nitrite (as N)	SM4500-NO3- F-2000
108.529	002	Nitrite (as N)	SM4500-NO3- F-2000
108.529	002	Nitrite (as N)	SM4500-NO3- F-2000
108.529	003	Nitrate (as N)	SM4500-NO3- F-2000
108.529	003	Nitrate (as N)	SM4500-NO3- F-2000
108.536	001	Oxygen, dissolved	SM4500-O G-2001
108.542	001	Phosphate, Ortho	SM4500-P F
108.544	001	Phosphate, Ortho (as P)	SM4500-P G-1999
108.545	001	Phosphorus, Total	SM4500-P H-1999
108.584	001	Sulfide (as S)	SM4500-S= D-2000
108.584	001	Sulfide (as S)	SM4500-S= D-2000
108.592	001	Biochemical Oxygen Demand	SM5210B-2001
108.592	001	Biochemical Oxygen Demand	SM5210B-2001
108.592	002	Carbonaceous BOD	SM5210B-2001
108.592	002	Carbonaceous BOD	SM5210B-2001
108.595	001	Chemical Oxygen Demand	SM5220D-1997
108.595	001	Chemical Oxygen Demand	SM5220D-1997
108.596	001	Organic Carbon-Total (TOC)	SM5310B-2000
108.603	001	Oil & Grease Total	SM5520B-2001

108.605	001	Surfactants	SM5540C-2000
108.605	001	Surfactants	SM5540C-2000
108.625	001	Phenols, Total	SM5530 B-2005
108.626	001	Phenols, Total	SM5530 D-2005
108.626	001	Phenols, Total	SM5530 D-2005

Field of Testing: 109 - Toxic Chemical Elements of Wastewater

109.010	001	Aluminum	EPA 200.7
109.010	001	Aluminum	EPA 200.7
109.010	002	Antimony	EPA 200.7
109.010	002	Antimony	EPA 200.7
109.010	003	Arsenic	EPA 200.7
109.010	003	Arsenic	EPA 200.7
109.010	004	Barium	EPA 200.7
109.010	004	Barium	EPA 200.7
109.010	005	Beryllium	EPA 200.7
109.010	005	Beryllium	EPA 200.7
109.010	006	Boron	EPA 200.7
109.010	006	Boron	EPA 200.7
109.010	007	Cadmium	EPA 200.7
109.010	007	Cadmium	EPA 200.7
109.010	009	Chromium	EPA 200.7
109.010	009	Chromium	EPA 200.7
109.010	010	Cobalt	EPA 200.7
109.010	010	Cobalt	EPA 200.7
109.010	011	Copper	EPA 200.7
109.010	011	Copper	EPA 200.7
109.010	012	Iron	EPA 200.7
109.010	012	Iron	EPA 200.7
109.010	013	Lead	EPA 200.7
109.010	013	Lead	EPA 200.7
109.010	015	Manganese	EPA 200.7
109.010	015	Manganese	EPA 200.7
109.010	016	Molybdenum	EPA 200.7
109.010	016	Molybdenum	EPA 200.7
109.010	017	Nickel	EPA 200.7
109.010	017	Nickel	EPA 200.7
109.010	019	Selenium	EPA 200.7
109.010	019	Selenium	EPA 200.7
109.010	021	Silver	EPA 200.7
109.010	021	Silver	EPA 200.7
109.010	023	Thallium	EPA 200.7
109.010	023	Thallium	EPA 200.7
109.010	024	Tin	EPA 200.7
109.010	024	Tin	EPA 200.7
109.010	025	Titanium	EPA 200.7
109.010	026	Vanadium	EPA 200.7
109.010	026	Vanadium	EPA 200.7

109.010	027	Zinc	EPA 200.7
109.010	027	Zinc	EPA 200.7
109.020	001	Aluminum	EPA 200.8
109.020	001	Aluminum	EPA 200.8
109.020	002	Antimony	EPA 200.8
109.020	002	Antimony	EPA 200.8
109.020	003	Arsenic	EPA 200.8
109.020	003	Arsenic	EPA 200.8
109.020	004	Barium	EPA 200.8
109.020	004	Barium	EPA 200.8
109.020	005	Beryllium	EPA 200.8
109.020	005	Beryllium	EPA 200.8
109.020	006	Cadmium	EPA 200.8
109.020	006	Cadmium	EPA 200.8
109.020	007	Chromium	EPA 200.8
109.020	007	Chromium	EPA 200.8
109.020	008	Cobalt	EPA 200.8
109.020	008	Cobalt	EPA 200.8
109.020	009	Copper	EPA 200.8
109.020	009	Copper	EPA 200.8
109.020	010	Lead	EPA 200.8
109.020	010	Lead	EPA 200.8
109.020	011	Manganese	EPA 200.8
109.020	011	Manganese	EPA 200.8
109.020	012	Molybdenum	EPA 200.8
109.020	012	Molybdenum	EPA 200.8
109.020	013	Nickel	EPA 200.8
109.020	013	Nickel	EPA 200.8
109.020	014	Selenium	EPA 200.8
109.020	014	Selenium	EPA 200.8
109.020	015	Silver	EPA 200.8
109.020	015	Silver	EPA 200.8
109.020	016	Thallium	EPA 200.8
109.020	016	Thallium	EPA 200.8
109.020	017	Vanadium	EPA 200.8
109.020	017	Vanadium	EPA 200.8
109.020	018	Zinc	EPA 200.8
109.020	018	Zinc	EPA 200.8
109.020	020	Gold	EPA 200.8
109.020	021	Iron	EPA 200.8
109.020	021	Iron	EPA 200.8
109.020	022	Tin	EPA 200.8
109.020	023	Titanium	EPA 200.8
109.020	023	Titanium	EPA 200.8
109.104	001	Chromium (VI)	EPA 218.6
109.104	001	Chromium (VI)	EPA 218.6
109.190	001	Mercury	EPA 245.1

109.190	001	Mercury	EPA 245.1
109.430	001	Aluminum	SM3120B-1999
109.430	002	Antimony	SM3120B-1999
109.430	003	Arsenic	SM3120B-1999
109.430	004	Barium	SM3120B-1999
109.430	005	Beryllium	SM3120B-1999
109.430	007	Cadmium	SM3120B-1999
109.430	009	Chromium	SM3120B-1999
109.430	010	Cobalt	SM3120B-1999
109.430	012	Iron	SM3120B-1999
109.430	015	Manganese	SM3120B-1999
109.430	016	Molybdenum	SM3120B-1999
109.430	017	Nickel	SM3120B-1999
109.430	019	Selenium	SM3120B-1999
109.430	021	Silver	SM3120B-1999
109.430	023	Thallium	SM3120B-1999
109.430	024	Vanadium	SM3120B-1999
109.430	025	Zinc	SM3120B-1999
109.445	002	Chromium (VI)	SM3500-Cr B-2009
109.446	001	Chromium (VI)	SM3500-Cr C-2009

Field of Testing: 110 - Volatile Organic Chemistry of Wastewater

110.040	000	Purgeable Organic Compounds	EPA 624
110.040	000	Purgeable Organic Compounds	EPA 624

Field of Testing: 111 - Semi-volatile Organic Chemistry of Wastewater

111.010	000	Phenols	EPA 604
111.010	000	Phenols	EPA 604
111.060	000	Polynuclear Aromatics	EPA 610
111.060	000	Polynuclear Aromatics	EPA 610
111.100	000	Base/Neutral & Acid Organics	EPA 625
111.100	000	Base/Neutral & Acid Organics	EPA 625
111.103	000	Nitrosamines	EPA 625
111.103	000	Nitrosamines	EPA 625
111.170	000	Organochlorine Pesticides and PCBs	EPA 608
111.170	000	Organochlorine Pesticides and PCBs	EPA 608

Field of Testing: 114 - Inorganic Chemistry of Hazardous Waste

114.010	001	Antimony	EPA 6010B
114.010	001	Antimony	EPA 6010B
114.010	002	Arsenic	EPA 6010B
114.010	002	Arsenic	EPA 6010B
114.010	003	Barium	EPA 6010B
114.010	003	Barium	EPA 6010B
114.010	004	Beryllium	EPA 6010B
114.010	004	Beryllium	EPA 6010B
114.010	005	Cadmium	EPA 6010B
114.010	005	Cadmium	EPA 6010B
114.010	006	Chromium	EPA 6010B

114.010	006	Chromium	EPA 6010B
114.010	007	Cobalt	EPA 6010B
114.010	007	Cobalt	EPA 6010B
114.010	008	Copper	EPA 6010B
114.010	008	Copper	EPA 6010B
114.010	009	Lead	EPA 6010B
114.010	009	Lead	EPA 6010B
114.010	010	Molybdenum	EPA 6010B
114.010	010	Molybdenum	EPA 6010B
114.010	011	Nickel	EPA 6010B
114.010	011	Nickel	EPA 6010B
114.010	012	Selenium	EPA 6010B
114.010	012	Selenium	EPA 6010B
114.010	013	Silver	EPA 6010B
114.010	013	Silver	EPA 6010B
114.010	014	Thallium	EPA 6010B
114.010	014	Thallium	EPA 6010B
114.010	015	Vanadium	EPA 6010B
114.010	015	Vanadium	EPA 6010B
114.010	016	Zinc	EPA 6010B
114.010	016	Zinc	EPA 6010B
114.020	001	Antimony	EPA 6020
114.020	002	Arsenic	EPA 6020
114.020	003	Barium	EPA 6020
114.020	004	Beryllium	EPA 6020
114.020	005	Cadmium	EPA 6020
114.020	006	Chromium	EPA 6020
114.020	007	Cobalt	EPA 6020
114.020	008	Copper	EPA 6020
114.020	009	Lead	EPA 6020
114.020	010	Molybdenum	EPA 6020
114.020	011	Nickel	EPA 6020
114.020	012	Selenium	EPA 6020
114.020	013	Silver	EPA 6020
114.020	014	Thallium	EPA 6020
114.020	015	Vanadium	EPA 6020
114.020	016	Zinc	EPA 6020
114.103	001	Chromium (VI)	EPA 7196A
114.103	001	Chromium (VI)	EPA 7196A
114.106	001	Chromium (VI)	EPA 7199
114.106	001	Chromium (VI)	EPA 7199
114.140	001	Mercury	EPA 7470A
114.140	001	Mercury	EPA 7470A
114.141	001	Mercury	EPA 7471A
114.141	001	Mercury	EPA 7471A
114.240	001	Corrosivity - pH Determination	EPA 9040B
114.241	001	Corrosivity - pH Determination	EPA 9045C

114.250	001	Fluoride	EPA 9056

Field of Testing: 115 - Extraction Test of Hazardous Waste

115.020	001	Toxicity Characteristic Leaching Procedure (TCLP)	EPA 1311
115.021	001	TCLP Inorganics	EPA 1311
115.022	001	TCLP Extractables	EPA 1311
115.023	001	TCLP Volatiles	EPA 1311
115.030	001	Waste Extraction Test (WET)	CCR Chapter11, Article 5, Appendix II
115.030	001	Waste Extraction Test (WET)	CCR Chapter11, Article 5, Appendix II

Field of Testing: 116 - Volatile Organic Chemistry of Hazardous Waste

116.020	031	Ethanol and Methanol	EPA 8015B
116.030	001	Gasoline-range Organics	EPA 8015B
116.030	001	Gasoline-range Organics	EPA 8015B
116.080	000	Volatile Organic Compounds	EPA 8260B
116.080	000	Volatile Organic Compounds	EPA 8260B
116.080	120	Oxygenates	EPA 8260B
116.080	120	Oxygenates	EPA 8260B

Field of Testing: 117 - Semi-volatile Organic Chemistry of Hazardous Waste

117.010	001	Diesel-range Total Petroleum Hydrocarbons	EPA 8015B
117.010	001	Diesel-range Total Petroleum Hydrocarbons	EPA 8015B
117.110	000	Extractable Organics	EPA 8270C
117.110	000	Extractable Organics	EPA 8270C
117.140	000	Polynuclear Aromatic Hydrocarbons	EPA 8310
117.140	000	Polynuclear Aromatic Hydrocarbons	EPA 8310
117.210	000	Organochlorine Pesticides	EPA 8081A
117.210	000	Pesticides & PCBs	EPA 8081A
117.220	000	PCBs	EPA 8082
117.220	000	PCBs	EPA 8082
117.240	000	Organophosphorus Pesticides	EPA 8141A
117.240	000	Organophosphorus Pesticides	EPA 8141A
117.250	000	Chlorinated Herbicides	EPA 8151A
117.250	000	Chlorinated Herbicides	EPA 8151A
117.280	000	Carbamates	EPA 8321A

Field of Testing: 120 - Physical Properties of Hazardous Waste

120.010	001	Ignitability	EPA 1010
120.040	001	Reactive Cyanide	Section 7.3 SW-846
120.050	001	Reactive Sulfide	Section 7.3 SW-846
120.070	001	Corrosivity - pH Determination	EPA 9040B
120.080	001	Corrosivity - pH Determination	EPA 9045C
120.080	001	Corrosivity - pH Determination	EPA 9045C

Field of Testing: 126 - Microbiology of Recreational Water

126.010	001	Total Coliform (Enumeration)	SM9221B,C-2006
126.010	001	Total Coliform (Enumeration)	SM9221B,C
126.030	001	Fecal Coliform (Enumeration)	SM9221E-2006
126.030	001	Fecal Coliform (Enumeration)	SM9221B,E-2006
126.050	001	Total Coliform (Enumeration)	SM9223B (Colilert/Quanti-Tray)

126.050	001	Total Coliform (Enumeration)	SM9223B (Colilert/Quanti-Tray)
126.050	002	E. coli (Enumeration)	SM9223B (Colilert/Quanti-Tray)
126.050	002	E. coli (Enumeration)	SM9223B (Colilert/Quanti-Tray)
126.080	001	Enterococci	Enterolert
126.080	001	Enterococci	Enterolert

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Field of Testing: 101 - Microbiology of Drinking Water

101.010	001	Heterotrophic Bacteria	SM 9215 B	
101.020	004	Total Coliform (Enumeration)	SM 9221 B,C	
101.020	005	Fecal Coliform (Enumeration)	SM 9221 B,E	
101.020	006	E. coli (Enumeration)	SM 9221 B,F	
101.050	001	Total Coliform P/A	SM 9223 B (Colilert)	
101.050	002	E. coli P/A	SM 9223 B (Colilert)	
101.050	003	Total Coliform (Enumeration)	SM 9223 B (Colilert)	
101.050	004	E. coli (Enumeration)	SM 9223 B (Colilert)	
101.050	005	Total Coliform P/A	SM 9223 (Colilert 18)	Interim
101.050	006	E. coli P/A	SM 9223 (Colilert 18)	Interim
101.050	007	Total Coliform (Enumeration)	SM 9223 (Colilert 18)	Interim
101.050	008	E. coli (Enumeration)	SM 9223 (Colilert 18)	Interim
101.050	009	Total Coliform P/A	SM 9223 B (Colisure)	Interim
101.050	010	E. coli P/A	SM 9223 B (Colisure)	Interim
101.050	011	Total Coliform (Enumeration)	SM 9223 B (Colisure)	Interim
101.050	012	E. coli (Enumeration)	SM 9223 B (Colisure)	Interim
101.140	001	Enterococci	SM 9230 B	Interim
101.170	001	Enterococci	Enterolert	

Field of Testing: 102 - Inorganic Chemistry of Drinking Water

102.020	001	Turbidity	EPA 180.1	
102.026	001	Calcium	EPA 200.7	
102.026	002	Magnesium	EPA 200.7	
102.026	003	Potassium	EPA 200.7	
102.026	004	Silica	EPA 200.7	
102.026	005	Sodium	EPA 200.7	
102.026	006	Hardness (Calculation)	EPA 200.7	
102.030	001	Bromide	EPA 300.0	Interim
102.030	003	Chloride	EPA 300.0	
102.030	005	Fluoride	EPA 300.0	
102.030	006	Nitrate (as N)	EPA 300.0	
102.030	007	Nitrite (as N)	EPA 300.0	
102.030	009	Sulfate (as SO4)	EPA 300.0	
102.040	001	Bromide	EPA 300.1	
102.040	002	Chlorite	EPA 300.1	
102.040	003	Chlorate	EPA 300.1	
102.040	004	Bromate	EPA 300.1	
102.045	001	Perchlorate	EPA 314.0	
102.047	001	Perchlorate	EPA 331.0	

102.050	001	Cyanide, Total	EPA 335.4	
102.060	001	Nitrate (as N) (Calculation)	EPA 353.2	
102.061	001	Nitrite	EPA 353.2	
102.070	001	Phosphate, Ortho	EPA 365.1	
102.085	003	Organic Carbon-Total (TOC)	EPA 415.3 Revision 1.1	
102.086	001	Dissolved Organic Carbon (DOC)	EPA 415.3 Revision 1.2	Interim
102.086	002	Specific UV Absorbance SUVA	EPA 415.3 Revision 1.2	Interim
102.086	004	UV254	EPA 415.3 Revision 1.2	Interim
102.100	001	Alkalinity	SM 2320 B-1997	
102.120	001	Hardness (Calculation)	SM 2340 B-1997	
102.130	001	Specific Conductance	SM 2510 B-1997	
102.140	001	Residue, Filterable TDS	SM 2540 C-1997	
102.175	001	Chlorine, Free	SM 4500-Cl G-2000	
102.175	002	Chlorine, Total Residual	SM 4500-Cl G-2000	
102.180	001	Chlorine Dioxide	SM 4500-ClO2 D	
102.203	001	Hydrogen Ion (pH)	SM 4500-H+ B-2000	
102.260	001	Total Organic Carbon TOC	SM 5310B-2000	
102.261	001	Dissolved Organic Carbon (DOC)	SM 5310B-2000	
102.270	001	Surfactants	SM 5540 C-2000	
102.280	001	UV254	SM 5910 B-2011	
102.570	001	Cyanide, Free	OIA-1677, DW	

Field of Testing: 103 - Toxic Chemical Elements of Drinking Water

103.130	001	Aluminum	EPA 200.7	
103.130	003	Barium	EPA 200.7	
103.130	007	Chromium	EPA 200.7	
103.130	008	Copper	EPA 200.7	
103.130	009	Iron	EPA 200.7	
103.130	011	Manganese	EPA 200.7	
103.130	012	Nickel	EPA 200.7	
103.130	015	Silver	EPA 200.7	
103.130	017	Zinc	EPA 200.7	
103.130	018	Boron	EPA 200.7	
103.140	001	Aluminum	EPA 200.8	
103.140	002	Antimony	EPA 200.8	
103.140	003	Arsenic	EPA 200.8	
103.140	004	Barium	EPA 200.8	
103.140	005	Beryllium	EPA 200.8	
103.140	006	Cadmium	EPA 200.8	
103.140	007	Chromium	EPA 200.8	
103.140	008	Copper	EPA 200.8	
103.140	009	Lead	EPA 200.8	
103.140	010	Manganese	EPA 200.8	
103.140	011	Mercury	EPA 200.8	
103.140	012	Nickel	EPA 200.8	
103.140	013	Selenium	EPA 200.8	
103.140	014	Silver	EPA 200.8	
103.140	015	Thallium	EPA 200.8	

103.140	016	Zinc	EPA 200.8	
103.140	017	Boron	EPA 200.8	
103.140	018	Vanadium	EPA 200.8	
103.160	001	Mercury	EPA 245.1	
103.310	001	Chromium (VI)	EPA 218.6	
103.311	001	Chromium (VI)	EPA 218.7	

Field of Testing: 104 - Volatile Organic Chemistry of Drinking Water

104.030	001	1,2-Dibromoethane (EDB, Ethylene Dibromide)	EPA 504.1	
104.030	002	1,2-Dibromo-3-chloropropane (DBCP)	EPA 504.1	
104.035	001	1,2,3-Trichloropropane (TCP)	SRL 524M-TCP	
104.040	000	Volatile Organic Compounds	EPA 524.2	
104.040	057	Xylenes, Total	EPA 524.2	
104.040	061	Carbon Disulfide	EPA 524.2	
104.040	062	Methyl Isobutyl Ketone	EPA 524.2	
104.045	000	Trihalomethanes, Total	EPA 524.2	
104.050	000	Gasoline Additives	EPA 524.2	
104.050	002	Methyl tert-butyl Ether (MTBE)	EPA 524.2	
104.050	003	tert-Amyl Methyl Ether (TAME)	EPA 524.2	
104.050	004	Ethyl tert-butyl Ether (ETBE)	EPA 524.2	
104.050	005	Trichlorotrifluoroethane	EPA 524.2	
104.050	006	tert-Butyl Alcohol (TBA)	EPA 524.2	

Field of Testing: 105 - Semi-volatile Organic Chemistry of Drinking Water

105.035	000	Organochlorine Pesticides	EPA 508	
105.083	000	Chlorinated Acids	EPA 515.4	
105.090	000	Semi-volatile Organic Compounds	EPA 525.2	
105.101	000	Carbamates	EPA 531.2	Interim
105.101	001	Carbofuran	EPA 531.2	Interim
105.101	002	Oxamyl	EPA 531.2	Interim
105.101	003	Aldicarb	EPA 531.2	Interim
105.101	004	Aldicarb Sulfone	EPA 531.2	Interim
105.101	005	Aldicarb Sulfoxide	EPA 531.2	Interim
105.101	006	Carbaryl	EPA 531.2	Interim
105.101	007	3-Hydroxycarbofuran	EPA 531.2	Interim
105.101	008	Methomyl	EPA 531.2	Interim
105.105	003	Perfluorobutanesulfonic Acid (PFBS)	EPA 537 Rev 1.1	Interim
105.105	006	Perfluoroheptanoic Acid (PFHpA)	EPA 537 Rev 1.1	Interim
105.105	007	Perfluorohexanesulfonic Acid (PFHxS)	EPA 537 Rev 1.1	Interim
105.105	009	Perfluorononanoic Acid (PFNA)	EPA 537 Rev 1.1	Interim
105.105	010	Perfluorooctanoic Acid (PFOA)	EPA 537 Rev 1.1	Interim
105.105	011	Perfluorooctylsulfonic Acid (PFOS)	EPA 537 Rev 1.1	Interim
105.120	001	Glyphosate	EPA 547	
105.140	001	Endothall	EPA 548.1	
105.150	001	Diquat	EPA 549.2	
105.170	031	Disinfection Byproducts	EPA 551.1	
105.201	001	Haloacetic Acids (HAA5)	EPA 552.3	
105.210	002	2,4-D	EPA 555	

105.210	006	Picloram	EPA 555	
105.210	007	2,4,5-TP (Silvex)	EPA 555	
105.210	008	Bentazon	EPA 555	
105.230	002	2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) Screening O	EPA 1613 B	

Field of Testing: 106 - Radiochemistry of Drinking Water

106.010	001	Gross Alpha and Beta Radiation	EPA 900.0	
106.092	001	Uranium	EPA 200.8	
106.270	001	Gross Alpha by Coprecipitation	SM 7110 C	
106.610	001	Radon-222	SM 7500-Rn	

Field of Testing: 107 - Microbiology of Wastewater

107.010	001	Heterotrophic Bacteria	SM 9215 B	
107.020	002	Total Coliform (Enumeration)	SM 9221 B-2006	
107.030	002	Total Coliform with Chlorine Present	SM 9221 B,C-2006	
107.040	002	Fecal Coliform (Enumeration)	SM 9221 C,E-2006	
107.050	002	Fecal Coliform with Chlorine Present	SM 9221 C,E-2006	
107.100	002	Fecal Streptococci	SM 9230 B-2007	
107.242	001	Enterococci	Enterolert	
107.245	001	E. coli (Enumeration)	SM 9223 (Colilert 18)	Interim
107.245	002	E. coli (Enumeration)	SM 9223 B (Colilert)	

Field of Testing: 108 - Inorganic Chemistry of Wastewater

108.090	001	Residue, Volatile	EPA 160.4	
108.110	001	Turbidity	EPA 180.1	
108.112	001	Boron	EPA 200.7	
108.112	002	Calcium	EPA 200.7	
108.112	003	Hardness (Calculation)	EPA 200.7	
108.112	004	Magnesium	EPA 200.7	
108.112	005	Potassium	EPA 200.7	
108.112	006	Silica, Dissolved	EPA 200.7	
108.112	007	Sodium	EPA 200.7	
108.112	008	Phosphorus,Total	EPA 200.7	
108.113	001	Boron	EPA 200.8	
108.113	002	Calcium	EPA 200.8	
108.113	003	Magnesium	EPA 200.8	
108.113	004	Potassium	EPA 200.8	
108.113	006	Sodium	EPA 200.8	
108.120	001	Bromide	EPA 300.0	
108.120	002	Chloride	EPA 300.0	
108.120	003	Fluoride	EPA 300.0	
108.120	008	Sulfate (as SO4)	EPA 300.0	
108.120	012	Nitrate (as N)	EPA 300.0	
108.120	013	Nitrate-Nitrite (as N)	EPA 300.0	
108.120	014	Nitrite (as N)	EPA 300.0	
108.121	001	Bromide	EPA 300.1	Interim
108.183	001	Cyanide, Total	EPA 335.4	
108.209	001	Ammonia (as N)	EPA 350.1	
108.211	002	Kjeldahl Nitrogen,Total (as N)	EPA 351.2	

108.232	003	Nitrate-Nitrite (as N)	EPA 353.2	
108.232	004	Nitrite (as N)	EPA 353.2	
108.260	001	Phosphate, Ortho	EPA 365.1	
108.261	001	Phosphorus,Total	EPA 365.1	
108.264	001	Phosphate, Ortho	EPA 365.3	
108.265	001	Phosphorus,Total	EPA 365.3	
108.267	001	Phosphorus,Total	EPA 200.7	
108.323	001	Chemical Oxygen Demand	EPA 410.4	
108.362	001	Phenols, Total	EPA 420.4	
108.381	002	Oil & Grease Total	EPA 1664 B	
108.385	001	Color	SM 2120 B-2001	
108.410	001	Alkalinity	SM 2320 B-1997	
108.420	001	Hardness (Calculation)	SM 2340 B-1997	
108.430	001	Specific Conductance	SM 2510 B-1997	
108.439	001	Residue, Volatile	SM 2540 E-1997	
108.440	001	Residue, Total	SM 2540 B-1997	
108.441	001	Residue, Filterable TDS	SM 2540 C-1997	
108.442	001	Residue, Non-filterable TSS	SM 2540 D-1997	
108.443	001	Residue, Settleable	SM 2540 F-1997	
108.444	001	Temperature	SM 2550 B-2010	
108.465	001	Chlorine, Total Residual	SM 4500-Cl G-2000	
108.473	001	Cyanide, Amenable	SM 4500-CN G-1999	Interim
108.490	001	Hydrogen Ion (pH)	SM 4500-H+ B-2000	
108.536	001	Oxygen, Dissolved	SM 4500-O G-2001	
108.560	001	Sulfite (as SO3)	SM 4500-SO3 B-2000	Interim
108.584	001	Sulfide (as S)	SM 4500-S D-2000	
108.592	001	Biochemical Oxygen Demand	SM 5210B-2001	
108.592	002	Carbonaceous BOD	SM 5210B-2001	
108.596	001	Organic Carbon-Total (TOC)	SM 5310B-2000	
108.605	001	Surfactants	SM 5540 C-2000	
108.927	001	Cyanide, Available	OIA-1677-09	
108.999	000	Cyanide, Total	ASTM D7511-09	Interim

Field of Testing: 109 - Toxic Chemical Elements of Wastewater

109.010	001	Aluminum	EPA 200.7	
109.010	002	Antimony	EPA 200.7	
109.010	003	Arsenic	EPA 200.7	
109.010	004	Barium	EPA 200.7	
109.010	005	Beryllium	EPA 200.7	
109.010	006	Boron	EPA 200.7	
109.010	007	Cadmium	EPA 200.7	
109.010	009	Chromium	EPA 200.7	
109.010	010	Cobalt	EPA 200.7	
109.010	011	Copper	EPA 200.7	
109.010	012	Iron	EPA 200.7	
109.010	013	Lead	EPA 200.7	
109.010	015	Manganese	EPA 200.7	
109.010	016	Molybdenum	EPA 200.7	

109.010	017	Nickel	EPA 200.7	
109.010	019	Selenium	EPA 200.7	
109.010	021	Silver	EPA 200.7	
109.010	023	Thallium	EPA 200.7	
109.010	024	Tin	EPA 200.7	
109.010	025	Titanium	EPA 200.7	
109.010	026	Vanadium	EPA 200.7	
109.010	027	Zinc	EPA 200.7	
109.020	001	Aluminum	EPA 200.8	
109.020	002	Antimony	EPA 200.8	
109.020	003	Arsenic	EPA 200.8	
109.020	004	Barium	EPA 200.8	
109.020	005	Beryllium	EPA 200.8	
109.020	006	Cadmium	EPA 200.8	
109.020	007	Chromium	EPA 200.8	
109.020	008	Cobalt	EPA 200.8	
109.020	009	Copper	EPA 200.8	
109.020	010	Lead	EPA 200.8	
109.020	011	Manganese	EPA 200.8	
109.020	012	Molybdenum	EPA 200.8	
109.020	013	Nickel	EPA 200.8	
109.020	014	Selenium	EPA 200.8	
109.020	015	Silver	EPA 200.8	
109.020	016	Thallium	EPA 200.8	
109.020	017	Vanadium	EPA 200.8	
109.020	018	Zinc	EPA 200.8	
109.020	021	Iron	EPA 200.8	
109.020	022	Tin	EPA 200.8	
109.020	023	Titanium	EPA 200.8	
109.104	001	Chromium (VI)	EPA 218.6	
109.190	001	Mercury	EPA 245.1	
109.361	001	Mercury	EPA 1631 E	
Field of Testing: 110 - Volatile Organic Chemistry of Wastewater				
110.040	000	Purgeable Organic Compounds	EPA 624	
Field of Testing: 111 - Semi-volatile Organic Chemistry of Wastewater				
111.100	000	Base/Neutral & Acid Organics	EPA 625	
111.101	000	Organochlorine Pesticides and PCBs	EPA 625	
111.103	000	Nitrosamines	EPA 625	
111.120	000	Semi-volatile Organic Compounds	EPA 1625 B	
111.170	000	Organochlorine Pesticides and PCBs	EPA 608	
111.210	000	Carbamates	EPA 632	Interim
Field of Testing: 112 - Radiochemistry of Wastewater				
112.010	001	Gross Alpha and Beta Radiation	EPA 900.0	
112.010	002	Gross Beta	EPA 900.0	
Field of Testing: 114 - Inorganic Chemistry of Hazardous Waste				
114.010	001	Antimony	EPA 6010 B	

114.010	002	Arsenic	EPA 6010 B	
114.010	003	Barium	EPA 6010 B	
114.010	004	Beryllium	EPA 6010 B	
114.010	005	Cadmium	EPA 6010 B	
114.010	006	Chromium	EPA 6010 B	
114.010	007	Cobalt	EPA 6010 B	
114.010	008	Copper	EPA 6010 B	
114.010	009	Lead	EPA 6010 B	
114.010	010	Molybdenum	EPA 6010 B	
114.010	011	Nickel	EPA 6010 B	
114.010	012	Selenium	EPA 6010 B	
114.010	013	Silver	EPA 6010 B	
114.010	014	Thallium	EPA 6010 B	
114.010	015	Vanadium	EPA 6010 B	
114.010	016	Zinc	EPA 6010 B	
114.020	001	Antimony	EPA 6020	
114.020	002	Arsenic	EPA 6020	
114.020	003	Barium	EPA 6020	
114.020	004	Beryllium	EPA 6020	
114.020	005	Cadmium	EPA 6020	
114.020	006	Chromium	EPA 6020	
114.020	007	Cobalt	EPA 6020	
114.020	008	Copper	EPA 6020	
114.020	009	Lead	EPA 6020	
114.020	010	Molybdenum	EPA 6020	
114.020	011	Nickel	EPA 6020	
114.020	012	Selenium	EPA 6020	
114.020	013	Silver	EPA 6020	
114.020	014	Thallium	EPA 6020	Interim
114.020	015	Vanadium	EPA 6020	
114.020	016	Zinc	EPA 6020	
114.106	001	Chromium (VI)	EPA 7199	
114.140	001	Mercury	EPA 7470 A	
114.141	001	Mercury	EPA 7471 A	
114.222	001	Cyanide, Total	EPA 9014	
114.240	001	Corrosivity - pH Determination	EPA 9040 B	Interim
114.241	001	Corrosivity - pH Determination	EPA 9045 C	
114.250	001	Fluoride	EPA 9056	Interim
Field of Testing: 115 - Extraction Test of Hazardous Waste				
115.020	001	Toxicity Characteristic Leaching Procedure (TCLP)	EPA 1311 (TCLP)	
115.021	001	TCLP Inorganics	EPA 1311 (TCLP)	
115.022	001	TCLP Extractables	EPA 1311 (TCLP)	
115.030	001	Waste Extraction Test (WET)	CCR Chapter11, Article 5, Appendix II	
115.040	001	Synthetic Precipitation Leaching Procedure (SPLP)	EPA 1312 (SPLP)	
Field of Testing: 116 - Volatile Organic Chemistry of Hazardous Waste				
116.020	030	Nonhalogenated Volatiles	EPA 8015 B	

116.020	031	Ethanol and Methanol	EPA 8015 B	Interim
116.080	000	Volatile Organic Compounds	EPA 8260 B	
116.090	000	Acrylamide, Acrylonitrile, Acrolein	EPA 8316	Interim
116.100	001	Total Petroleum Hydrocarbons - Gasoline (GRO)	LUFT GC/MS	

Field of Testing: 117 - Semi-volatile Organic Chemistry of Hazardous Waste

117.010	001	Diesel-range Total Petroleum Hydrocarbons	EPA 8015 B	
117.110	000	Extractable Organics	EPA 8270 C	
117.111	071	Pesticides	EPA 8270 C	
117.150	000	Carbonyl Compounds	EPA 8315 A	Interim
117.171	000	Nitroaromatics and Nitramines	EPA 8330 A	Interim
117.210	000	Organochlorine Pesticides	EPA 8081 A	
117.220	000	PCBs	EPA 8082	Interim
117.240	000	Organophosphorus Pesticides	EPA 8141 A	Interim
117.250	000	Chlorinated Herbicides	EPA 8151 A	
117.270	000	Carbamates, N-methylcarbamates	EPA 8318	Interim
117.280	000	Carbamates	EPA 8321 A	Interim

Field of Testing: 120 - Physical Properties of Hazardous Waste

120.010	001	Ignitability	EPA 1010	
120.080	001	Corrosivity - pH Determination	EPA 9045 C	

Field of Testing: 126 - Microbiology of Recreational Water

126.010	001	Total Coliform (Enumeration)	SM 9221 B,C-2006	
126.030	001	Fecal Coliform (Enumeration)	SM 9221 B,E-2006	
126.050	001	Total Coliform (Enumeration)	SM 9223 B (Colilert/Quanti-Tray)	
126.050	002	E. coli (Enumeration)	SM 9223 B (Colilert/Quanti-Tray)	
126.080	001	Enterococci	Enterolert	