INTEGRATED
PERFORMANCE
CONSULTANTS

July 30th, 2018

Sam Unger
Executive Officer
California Regional Water Quality Control Board
Los Angeles Region

Attention: Information Technology Unit

Malibu Civic Center WTP — WDR: R4-2015-0051
2018 2nd Quarter Monitoring Report — MRP: CI-10042

OVERVIEW

Malibu Civic Center Wastewater Treatment Plant (MCCWTP) construction progress was sufficient to allow sewage treatment to begin this reporting period. Below is a summary of notable events from initial seeding to present day:

DATE	NOTABLE EVENT
04/12/2018	Seeded biological process with 42,500 gallons of RAS from Tapia WRF.
04/13/2018	Seeded biological process with 59,500 gallons of RAS from Tapia WRF & 25,500 gallons of RAS from DCTWRP.
04/14/2018 thru 04/17/2018	Filtering down seed volume and / recirculating with membranes and adding supplemental carbon to maintain biology
04/18/2018 thru 04/26/2018	Membranes out of service for control panel UL issues. Adding supplemental carbon to maintain biology
04/27/2018	Directed Malibu Colony Plaza sewage to headworks. Now treating Phase 1 sewage for first time. Daily flow averaging about 20 kgpd. Supplemental carbon scaled down from BOD replacement to denitrification enhancement.
04/28/2018 thru 05/07/2018	Dialing in biological process and establishing high recirculation flow loop in preparation 60 day membrane performance test .

05/07/2018	Authorized contractor to demolish old Trickling Filter Plant due to acceptable performance of new system.
05/07/2018 thru 05/16/2018	Dialing in biological process and establishing high recirculation flow loop in preparation 60 day membrane performance test. Began 60 day membrane performance test. Began adding alum to improve UVT, which was non-compliant at 56%. Initial results are encouraging.
05/16/2018	Put Legacy Park Pump Station in service - Daily flow now averaging about 30 kgpd.
05/16/2018 thru 07/15/2018	60 day membrane performance test begins and is completed satisfactorily during this period. Ran each train for 30 continuous days at maximum design flux with no major malfunctions and overall performance was satisfactory. Daily flow now averaging about 40 kgpd as new sewer connections continue to be made.
07/16/2018 thru Present	Major items remaining are performance tests for UV Disinfection System and Membrane BioThickener. Until UV performance test is completed no recycled water can be produced. All effluent continues to be discharged to old Winter Canyon seepage pits in the interim, per approved startup plan. Continued alum addition has brought UVT slowly up to 70%.

SUMMARY OF NON-COMPLIANCE

There were no instances of non-compliance during this reporting period. Some MCCWTP effluent quality limits were exceeded, as is expected during startup of a new system, but all effluent was discharged into the old Winter Canyon Seepage pits, and was compliant with the WCNWTP effluent quality limits.

The MCCWTP effluent quality parameters that were exceeded were for Total Coliform in the first two weeks of operation, and UVT in the first 5 weeks of operation. The Total Coliform issue was resolved by developing a healthy biological process over time. The UVT issue was resolved by adding alum before membrane filtration.

By the end of the quarter, effluent quality was excellent, with effluent BOD, TSS, Total Coliform, and Fecal Coliform all at ND levels, Total Nitrogen at 3 mg/L, and Turbidity at < 0.1 ntu.

INFLUENT & EFFLUENT MONITORING

The results of influent and effluent monitoring are shown in Attachment A.

WASTE HAULING

No waste was hauled off site this reporting period. The record of Return Activated Sludge hauled in from Tapia WRF and DCT WRP to seed the MCCWTP biological process for startup is shown in Attachment B.

GROUNDWATER AND SURFACE WATER MONITORING

The results of groundwater and surface water monitoring are provided in the attached report compiled by Rincon Consultants.

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

I certify under penalty of law that this document, including all attachments and supplemental information, were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of a fine and imprisonment.

Executed on the 30th day of July, 2018, at Irvine, CA.

Sincerely,

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

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

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

		INFLUENT			EFFLUENT																																
		DAILY	WEEKLY		DAILY														WEEKLY											MONTHLY							
		Q Total Influent	TSS	BOD	Q Total Effluent	Q Lower Reuse	Q Upper Reuse	Q Plant Reuse	Q Percolation	Turbidity Avg	Turbidity Max	Turbidity > 0.2	UVT	UV Dose	pH	Total Coliform	Fecal Coliform	Resid Cl2	BOD	BOD Removal	TSS	TSS Removal	NOx-N	NO3-N	NO2-N	NH3-N	TKN	Organic-N	Total-N	Oil & Grease	Total-P	TDS	Sulfate	Chloride	Boron	MBAS
	Units	kgpd	mg/L	mg/L	kgpd	kgpd	kgpd	kgpd	kgpd	ntu	ntu	%	%	mJ/cm2	units	mpn	mpn	mg/L	mg/L	%	mg/L	%	mg/L	mg/L	mg/L	mpn	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
	Limit 1	191.0			191.0				50.0	0.20	0.50	5.0	65.0	80	6.5	2.2			20	85.0	15	85.0	8	8.0	1					10		2000	500	500	2	0.5
	Limit 2														8.5	23			30		40									15						
	Limit 3															240			45		45															
04/01/2018	Sun																																				
04/02/2018	Mon																																				
04/03/2018	Tue																																				
04/04/2018	Wed																																				
04/05/2018	Thu																																				
04/06/2018	Fri																																				
04/07/2018	Sat																																				
04/08/2018	Sun																																				
04/09/2018	Mon																																				
04/10/2018	Tue																																				
04/11/2018	Wed																																				
04/12/2018	Thu																																				
04/13/2018	Fri																																				
04/14/2018	Sat																																				
04/15/2018	Sun																																				
04/16/2018	Mon																																				
04/17/2018	Tue																																				
04/18/2018	Wed																																				
04/19/2018	Thu																																				
04/20/2018	Fri																																				
04/21/2018	Sat																																				
04/22/2018	Sun																																				
04/23/2018	Mon																																				
04/24/2018	Tue																																				
04/25/2018	Wed																																				
04/26/2018	Thu																																				
04/27/2018	Fri																																				
04/28/2018	Sat														7.1	240	240	0.049	1.9																		
04/29/2018	Sun	20.1			10.9	0.0	0.0	0.0	10.9	0.06	0.06	0.0	57.5	> 80	7.1	350	350	0.049	1.9																		
04/30/2018	Mon	22.9			15.8	0.0	0.0	0.0	15.8	0.07	0.08	0.0	56.5	> 80	7.4	1.7	1.7	0.049	1.9																		
	TOTAL	43			27	0	0	0	27																													
	MAX	23	0	0	16	0	0	0	16	0.07	0.08	0.0	57.5	> 80	7.4	350.0	350.0	0.049	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0
	AVG	22	#DIV/0!	#DIV/0!	13	0	0	0	13	0.07	0.07	0.0	57.0	> 80	7.2	197.2	197.2	0.049	1.9	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
	MIN	20	0	0	11	0	0	0	11	0.06	0.06	0.0	56.5	> 80	7.1	1.7	1.7	0.049	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0

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

		INFLUENT			EFFLUENT																																
		DAILY	WEEKLY		DAILY														WEEKLY											MONTHLY							
		Q Total Influent	TSS	BOD	Q Total Effluent	Q Lower Reuse	Q Upper Reuse	Q Plant Reuse	Q Percolation	Turbidity Avg	Turbidity Max	Turbidity > 0.2	UVT	UV Dose	pH	Total Coliform	Fecal Coliform	Resid Cl2	BOD	BOD Removal	TSS	TSS Removal	NOx-N	NO3-N	NO2-N	NH3-N	TKN	Organic-N	Total-N	Oil & Grease	Total-P	TDS	Sulfate	Chloride	Boron	MBAS
	Units	kgpd	mg/L	mg/L	kgpd	kgpd	kgpd	kgpd	kgpd	ntu	ntu	%	%	mJ/cm2	units	mpn	mpn	mg/L	mg/L	%	mg/L	%	mg/L	mg/L	mg/L	mpn	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
	Limit 1	191.0			191.0				50.0	0.20	0.50	5.0	65.0	80	6.5	2.2			20	85.0	15	85.0	8	8.0	1					10		2000	500	500	2	0.5
	Limit 2														8.5	23			30		40									15							
	Limit 3															240			45		45																
05/01/2018	Tue	22.5			34.4	0.0	0.0	0.0	34.4	0.07	0.11	0.0	55.7	> 80	7.2	23	23	0.049	24																		
05/02/2018	Wed	24.6			30.9	0.0	0.0	0.0	30.9	0.06	0.07	0.0	55.9	> 80	7.6	49	49	0.049	9																		
05/03/2018	Thu	25.7	347	211	9.2	0.0	0.0	0.0	9.2	0.06	0.08	0.0	56.6	> 80	7.1	11	2	0.049	10	95.3	1	99.7	0.0	0.0	0.019	0.09	0.51	0.42	0.5								
05/04/2018	Fri	25.3			20.1	0.0	0.0	0.0	20.1	0.06	0.06	0.0	57.0	> 80	7.2	49	23	0.049	8																		
05/05/2018	Sat	24.5			11.2	0.0	0.0	0.0	11.2	0.07	0.07	0.0	56.8	> 80	7.4	13	7.8	0.049	6																		
05/06/2018	Sun	22.1			23.9	0.0	0.0	0.0	23.9	0.07	0.07	0.0	56.5	> 80	7.8	7.8	4	0.049	8																		
05/07/2018	Mon	24.1			20.9	0.0	0.0	0.0	20.9	0.07	0.18	0.0	55.7	> 80	7.5	33	1.7	0.049	8																		
05/08/2018	Tue	27.4			33.5	0.0	0.0	0.0	33.5	0.07	0.07	0.0	55.3	> 80	7.5	31	1.7	0.049	1.9																		
05/09/2018	Wed	22.6			34.4	0.0	0.0	0.0	34.4	0.06	0.14	0.0	55.5	> 80	7.1	79	4	0.049	8																		
05/10/2018	Thu	22.1	397	151	27.4	0.0	0.0	0.0	27.4	0.06	0.06	0.0	55.7	> 80	7.7	17	1.7	0.049	8	94.7	1	99.7	1.6	1.5	0.11	0.12	1.24	1.12	2.9								
05/11/2018	Fri	21.8			12.7	0.0	0.0	0.0	12.7	0.07	0.07	0.0	56.6	> 80	7.6	350	1.7	0.049	16																		
05/12/2018	Sat	23.2			15.3	0.0	0.0	0.0	15.3	0.07	0.09	0.0	61.0	> 80	7.4	6.8	1.7	0.049	16																		
05/13/2018	Sun	19.9			38.0	0.0	0.0	0.0	38.0	0.06	0.06	0.0	60.4	> 80	7.2	2	1.7	0.049	1.9																		
05/14/2018	Mon	19.6			38.6	0.0	0.0	0.0	38.6	0.08	0.17	0.0	60.6	> 80	7.5	13	1.7	0.049	1.9																		
05/15/2018	Tue	25.2			26.1	0.0	0.0	0.0	26.1	0.07	0.08	0.0	57.2	> 80	7.6	33	2	0.049	1.9																		
05/16/2018	Wed	28.9	366	271	15.4	0.0	0.0	0.0	15.4	0.07	0.17	0.0	57.7	> 80	7.4	2	1.7	0.049	6	97.8	1	99.7	0.0	0.0	0.02	0.17	0.89	0.72	0.9								
05/17/2018	Thu	29.8			21.9	0.0	0.0	0.0	21.9	0.07	0.07	0.0	58.1	> 80	7.5	11	2	0.049	8																		
05/18/2018	Fri	29.5			28.3	0.0	0.0	0.0	28.3	0.07	0.08	0.0	57.9	> 80	7.4	14	4	0.049	24																		
05/19/2018	Sat	27.0			34.5	0.0	0.0	0.0	34.5	0.08	0.09	0.0	56.1	> 80	7.3	1.7	1.7	0.049	29																		
05/20/2018	Sun	24.7			34.0	0.0	0.0	0.0	34.0	0.10	0.11	0.0	54.6	> 80	7.6	7.8	1.7	0.049	1.9																		
05/21/2018	Mon	26.8			24.2	0.0	0.0	0.0	24.2	0.09	0.12	0.0	54.3	> 80	6.8	49	1.7	0.049	1.9																		
05/22/2018	Tue	26.0	459	247	19.4	0.0	0.0	0.0	19.4	0.07	0.08	0.0	54.6	> 80	7.3	7.8	2	0.049	1.9	99.2	0.9	99.8	2.5	2.4	0.019	0.17	0.88	0.71	3.3	4.9	0.04	756	126	209	0.53	0.19
05/23/2018	Wed	25.7			22.4	0.0	0.0	0.0	22.4	0.06	0.13	0.0	55.6	> 80	7.5	6.1	1.7	0.049	9																		
05/24/2018	Thu	29.9			21.9	0.0	0.0	0.0	21.9	0.06	0.08	0.0	56.9	> 80	7.4	2	1.7	0.049	7																		
05/25/2018	Fri	30.6			23.6	0.0	0.0	0.0	23.6	0.09	0.10	0.0	58.0	> 80	6.9	1.7	1.7	0.049	11																		
05/26/2018	Sat	27.1			31.2	0.0	0.0	0.0	31.2	0.08	0.13	0.0	59.8	> 80	7.4	1.7	1.7	0.049	12																		
05/27/2018	Sun	27.9			31.2	0.0	0.0	0.0	31.2	0.06	0.06	0.0	61.4	> 80	7.2	1.7	1.7	0.049	1.9																		
05/28/2018	Mon	28.6			31.2	0.0	0.0	0.0	31.2	0.07	0.13	0.0	62.4	> 80	7.1	2	1.7	0.049	1.7																		
05/29/2018	Tue	26.3			31.1	0.0	0.0	0.0	31.1	0.08	0.09	0.0	62.6	> 80	7.3	1.7	1.7	0.049	1.7																		
05/30/2018	Wed	30.8			21.6	0.0	0.0	0.0	21.6	0.09	0.13	0.0	62.4	> 80	7.2	2	1.7	0.049	11																		
05/31/2018	Thu	43.5			22.6	0.0	0.0	0.0	22.6	0.10	0.10	0.0	62.4	> 80	7.4	2	1.7	0.049	5																		
	TOTAL	770			768	0	0	0	768																												
	MAX	31	459	271	39	0	0	0	39	0.10	0.18	0.0	62.6	> 80	7.8	350.0	49.0	0.049	29.0	99.2	1.0	99.8	2.5	2.4	0.1	0.2	1.2	1.1	3.3	4.9	0.04	756	126	209	0.53	0.19
	AVG	26	392	220	26	0	0	0	26	0.07	0.10	0.0	57.6	> 80	7.4	27.7	5.2	0.049	8.6	96.7	1.0	99.7	1.0	1.0	0.0	0.1	0.9	0.7	1.9	4.9	0.04	756	126	209	0.53	0.19
	MIN	20	347	151	9	0	0	0	9	0.06	0.06	0.0	54.3	> 80	6.8	1.7	1.7	0.049	1.7	94.7	0.9	99.7	0.0	0.0	0.0	0.1	0.5	0.4	0.5	4.9	0.04	756	126	209	0.53	0.19

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		INFLUENT			EFFLUENT																																
		DAILY	WEEKLY		DAILY														WEEKLY											MONTHLY							
		Q Total Influent	TSS	BOD	Q Total Effluent	Q Lower Reuse	Q Upper Reuse	Q Plant Reuse	Q Percolation	Turbidity Avg	Turbidity Max	Turbidity > 0.2	UVT	UV Dose	pH	Total Coliform	Fecal Coliform	Resid Cl2	BOD	BOD Removal	TSS	TSS Removal	NOx-N	NO3-N	NO2-N	NH3-N	TKN	Organic-N	Total-N	Oil & Grease	Total-P	TDS	Sulfate	Chloride	Boron	MBAS
	Units	kgpd	mg/L	mg/L	kgpd	kgpd	kgpd	kgpd	kgpd	ntu	ntu	%	%	mJ/cm2	units	mpn	mpn	mg/L	mg/L	%	mg/L	%	mg/L	mg/L	mg/L	mpn	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
	Limit 1	191.0			191.0				50.0	0.20	0.50	5.0	65.0	80	6.5	2.2			20	85.0	15	85.0	8	8.0	1					10		2000	500	500	2	0.5
	Limit 2														8.5	23			30		40									15							
	Limit 3															240			45		45																
06/01/2018	Fri	26.4			31.0	0.0	0.0	0.0	31.0	0.10	0.10	0.0	62.4	> 80	7.2	1.7	1.7	0.049	4																		
06/02/2018	Sat	28.1	281	120	31.2	0.0	0.0	0.0	31.2	0.10	0.13	0.0	62.1	> 80	7.3	1.7	1.7	0.049	4	96.7	0.9	99.7	2.9	2.7	0.18	0.09	1.02	0.93	3.9	4.9	3.48	732	138	185	0.52	0.19
06/03/2018	Sun	28.4			25.8	0.0	0.0	0.0	25.8	0.11	0.12	0.0	61.8	> 80	7.4	1.7	1.7	0.049	1.9																		
06/04/2018	Mon	25.8			18.2	0.0	0.0	0.0	18.2	0.12	0.13	0.0	62.4	> 80	7.4	1.7	1.7	0.049	1.9																		
06/05/2018	Tue	25.2			19.3	0.0	0.0	0.0	19.3	0.13	0.17	0.0	63.3	> 80	7.5	1.7	1.7	0.049	1.9																		
06/06/2018	Wed	25.3	154	180	23.5	0.0	0.0	0.0	23.5	0.13	0.14	0.0	63.8	> 80	7.4	1.7	1.7	0.049	1.9	98.9	0.9	99.4	2.2	2.2	0.019	0.09	0.26	0.17	2.4								
06/07/2018	Thu	27.4			24.2	0.0	0.0	0.0	24.2	0.14	0.14	0.0	64.7	> 80	7.6	1.7	1.7	0.049	3																		
06/08/2018	Fri	21.4			23.6	0.0	0.0	0.0	23.6	0.14	0.14	0.0	65.2	> 80	7.1	1.7	1.7	0.049	1.9																		
06/09/2018	Sat	22.1			23.3	0.0	0.0	0.0	23.3	0.15	0.15	0.0	65.1	> 80	7	1.7	1.7	0.049	4																		
06/10/2018	Sun	22.4			23.7	0.0	0.0	0.0	23.7	0.16	0.16	0.0	65.1	> 80	7.6	1.7	1.7	0.049	1.9																		
06/11/2018	Mon	21.7			22.3	0.0	0.0	0.0	22.3	0.11	0.19	0.0	64.9	> 80	7.4	1.7	1.7	0.049	1.9																		
06/12/2018	Tue	21.6			11.4	0.0	0.0	0.0	11.4	0.07	0.10	0.0	64.8	> 80	7.3	2	1.7	0.049	11																		
06/13/2018	Wed	21.5			21.0	0.0	0.0	0.0	21.0	0.05	0.09	0.0	64.7	> 80	7.3	1.7	1.7	0.049	13																		
06/14/2018	Thu	27.9			14.9	0.0	0.0	0.0	14.9	0.06	0.13	0.0	64.7	> 80	7.3	1.7	1.7	0.049	1.9																		
06/15/2018	Fri	28.6	994	824	21.3	0.0	0.0	0.0	21.3	0.09	0.10	0.0	65.3	> 80	7.2	2	1.7	0.049	2	99.8	0.9	99.9	2.4	2.4	0.019	0.09	0.94	0.85	3.3								
06/16/2018	Sat	21.2			21.2	0.0	0.0	0.0	21.2	0.12	0.13	0.0	65.5	> 80	7.3	2	1.7	0.049	1.9																		
06/17/2018	Sun	22.7			21.1	0.0	0.0	0.0	21.1	0.15	0.15	0.0	65.7	> 80	7.4	2	1.7	0.049	1.9																		
06/18/2018	Mon	20.3			21.2	0.0	0.0	0.0	21.2	0.11	0.16	0.0	66.1	> 80	7.5	1.8	1.7	0.049	1.9																		
06/19/2018	Tue	22.9			17.8	0.0	0.0	0.0	17.8	0.06	0.07	0.0	66.5	> 80	7.2	2	1.7	0.049	1.9																		
06/20/2018	Wed	22.8			14.8	0.0	0.0	0.0	14.8	0.06	0.06	0.0	66.5	> 80	7.3	1.7	1.7	0.049	7																		
06/21/2018	Thu	27.1	537	574	19.2	0.0	0.0	0.0	19.2	0.06	0.09	0.0	66.4	> 80	7.6	1.7	1.7	0.049	9	98.4	2	99.6	2.3	2.2	0.019	0.09	1.23	1.14	3.5								
06/22/2018	Fri	27.9			25.8	0.0	0.0	0.0	25.8	0.06	0.06	0.0	66.5	> 80	7.5	1.7	1.7	0.049	1.9																		
06/23/2018	Sat	36.4			25.8	0.0	0.0	0.0	25.8	0.06	0.06	0.0	66.5	> 80	7.2	2	1.7	0.049	1.9																		
06/24/2018	Sun	34.1			37.2	0.0	0.0	0.0	37.2	0.06	0.07	0.0	67.1	> 80	7.3	2	2	0.049	1.9																		
06/25/2018	Mon	31.6			43.9	0.0	0.0	0.0	43.9	0.07	0.08	0.0	67.5	> 80	7.5	1.7	1.7	0.049	1.9																		
06/26/2018	Tue	34.8			31.0	0.0	0.0	0.0	31.0	0.07	0.13	0.0	67.5	> 80	7.3	1.7	1.7	0.049	1.9																		
06/27/2018	Wed	33.4	432	145	35.0	0.0	0.0	0.0	35.0	0.05	0.06	0.0	67.5	> 80	7.6	1.7	1.7	0.049	2	98.6	0.9	99.8	0.8	0.8	0.019	0.09	0.9	0.81	1.7								
06/28/2018	Thu	29.2			34.8	0.0	0.0	0.0	34.8	0.06	0.08	0.0	66.7	> 80	7.2	1.7	1.7	0.049	4																		
06/29/2018	Fri	28.3			35.0	0.0	0.0	0.0	35.0	0.06	0.06	0.0	66.2	> 80	7.2	1.7	1.7	0.049	1.9																		
06/30/2018	Sat	32.2			32.9	0.0	0.0	0.0	32.9	0.06	0.06	0.0	65.2	> 80	7.3	1.7	1.7	0.049	1.9																		
	TOTAL	799			751	0	0	0	751																												
	MAX	36	994	824	44	0	0	0	44	0.16	0.19	0.0	67.5	> 80	7.6	2.0	2.0	0.049	13.0	99.8	2.0	99.9	2.9	2.7	0.2	0.1	1.2	1.1	3.9	4.9	3.48	732	138	185	0.52	0.19
	AVG	27	480	369	25	0	0	0	25	0.09	0.11	0.0	65.3	> 80	7.3	1.8	1.7	0.049	3.3	98.5	1.1	99.7	2.1	2.1	0.1	0.1	0.9	0.8	3.0	4.9	3.48	732	138	185	0.52	0.19
	MIN	20	154	120	11	0	0	0	11	0.05	0.06	0.0	61.8	> 80	7.0	1.7	1.7	0.049	1.9	96.7	0.9	99.4	0.8	0.8	0.0	0.1	0.3	0.2	1.7	4.9	3.48	732	138	185	0.52	0.19

ATTACHMENT B: SEEDING

	DATE	DAY	GAL	LOCATION	DESCRIPTION	REASON FOR HAUL	SOURCE	HAULER
SEEDING	04/12/2018	Thu	22,500	HWK	Waste Activated Sludge	Biological Process Control	TAP	A&B Pumping
	04/12/2018	Thu	20,000	HWK	Waste Activated Sludge	Biological Process Control	TAP	A&B Pumping
	04/12/2018	Thu	28,000	HWK	Waste Activated Sludge	Biological Process Control	TAP	A&B Pumping
	04/12/2018	Thu	31,500	HWK	Waste Activated Sludge	Biological Process Control	TAP	A&B Pumping
	04/13/2018	Fri	13,500	HWK	Waste Activated Sludge	Biological Process Control	DCT	A&B Pumping
	04/13/2018	Fri	12,000	HWK	Waste Activated Sludge	Biological Process Control	DCT	A&B Pumping
	QUARTER TOTAL		127,500					

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July 25, 2018
Project No: 15-01587

Craig George
Environmental Sustainability Department Director
Building Official
City of Malibu
23825 Stuart Ranch Road
Malibu, California 90401

Subject: **Second Quarter 2018 Baseline Groundwater and Surface Water Monitoring Report, Malibu Civic Center Wastewater Treatment Facility – City of Malibu, California**

Dear Mr. George:

Rincon Consultants, Inc. has prepared the Second Quarter 2018 Baseline Groundwater and Surface Water Monitoring Report for the Malibu Civic Center Wastewater Treatment Facility located in Malibu, California. The objective of the study is to develop baseline groundwater and surface water quality conditions prior to the operation of the Wastewater Treatment Facility. Once the Wastewater Treatment Facility is operating, the baseline water quality conditions will be used to identify any potential impacts as a result of land disposal of treated wastewater via injection and landscape irrigation or percolation on the receiving water aquifers, Santa Monica Bay, Malibu Creek, and Malibu Lagoon. Current construction timelines estimate that the treatment plant will be operational in the third quarter of 2018.

Please contact us with any questions you may have regarding the results of the Second Quarter 2018 Baseline Groundwater and Surface Water Monitoring Report.

Sincerely,
Rincon Consultants, Inc.

Kiernan Brtalik, CPSWQ, QSP/D
Environmental Scientist

Torin Snyder, PG, CHG, TOR, QSD/P
Principal

"I certify under penalty of law that this document, including all attachments and supplemental information, was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of a fine and imprisonment."

Executed on the 26 day of July 2018 at Malibu City Hall

Signature

Environmental Sustainability Director

Title

Malibu Civic Center Wastewater Treatment Facility

Second Quarter 2018 Baseline Groundwater and Surface Water Monitoring Report

prepared by

Rincon Consultants, Inc.

July 24, 2018

Rincon Consultants, Inc.
Environmental Scientists Planners Engineers
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1 Introduction

This report presents the results of the Second Quarter 2018 Baseline Groundwater and Surface Water Monitoring activities for the Malibu Civic Center Wastewater Treatment Facility located in the City of Malibu, California (Figure 1). The objective of the work program is to implement and manage a basin-wide groundwater and surface water monitoring and reporting program. The monitoring program has been designed to identify potential impacts as a result of land disposal of treated wastewater via injection and landscape irrigation or percolation on the receiving water quality of the local groundwater aquifers, Santa Monica Bay, Malibu Creek, and Malibu Lagoon.

This report was prepared by Rincon Consultants, Inc. (Rincon) and presents the geologic and hydrogeologic setting, groundwater elevations and gradient, surface water and groundwater sampling methodologies, and water quality data results.

2 Background

On-site wastewater disposal systems (OWDS) have allegedly contributed to the non-point source pollution of Malibu Creek and Lagoon located in the Civic Center Area of the City of Malibu. As a result of regulatory actions taken by the Los Angeles Regional Water Quality Control Board (LARWQCB) and the State Water Resources Control Board (SWRCB) to prohibit discharges from OWDS in the Civic Center area, the City of Malibu has designed and constructed a new wastewater treatment facility.

To establish baseline groundwater and surface water quality conditions prior to operation and discharge of treated wastewater, the LARWQCB requires basin-wide, baseline groundwater and surface water monitoring. The water quality monitoring program is driven by several factors:

- Timelines established through regulatory action
- Proposed programs to fulfill anticipated future regulatory requirements associated with the development of the Civic Center Wastewater Treatment Facility (CCWTF)
- The distribution of Title 22 Recycled Water in the Prohibition area
- Protection of the Malibu Valley Groundwater Basin, Malibu Creek, Malibu Lagoon, and the near shore environment of Santa Monica Bay

At this time, the basin-wide monitoring program consists of five water quality monitoring tasks that occur in the Civic Center area of the City of Malibu. All five monitoring tasks have been designed to build upon one another to provide a comprehensive basin-wide groundwater and surface water monitoring program. Below is a general description of each task and a discussion of key objectives.

Task I – Baseline Groundwater and Surface Water Quality Monitoring of the Civic Center Area

The baseline groundwater and surface water quality monitoring task involves monitoring groundwater in nine shallow and deep groundwater wells and monitoring surface water quality at ten locations. The objective of this task's monitoring is to develop baseline, ambient shallow and deep groundwater, and surface water conditions prior to the implementation of the CCWTF, as required by the Monitoring and Reporting Program (MRP) No. CI 10042, issued by the LARWQCB (LARWQCB 2015).

Task II – Long-Term Monitoring of Groundwater and Surface Water Quality Monitoring of the Civic Center Area

The long-term groundwater and surface water quality monitoring task involves monitoring groundwater in nine shallow and deep groundwater wells and monitoring surface water quality at ten locations. The objective of long-term monitoring is to identify impacts that land disposal of recycled water, via injection and landscape irrigation or percolation, will have on the water quality of the receiving groundwater aquifers, Santa Monica Bay, Malibu Creek, and Malibu Lagoon. The nine groundwater monitoring wells and ten surface water sampling locations identified in Task II will be sampled on a quarterly basis once CCWTF operations commence. This sampling is required by the MRP No. CI 10042, issued by the LARWQCB (LARWQCB 2015).

Task III – Salt and Nutrient Management Plan Monitoring Program

The Salt and Nutrient Management Plan (SNMP) monitoring program branches off from the baseline and long-term groundwater and surface water monitoring programs described above (Tasks I and II). Task III involves performing semi-annual groundwater monitoring at 16 groundwater monitoring wells (mix of shallow and deep) located in the Civic Center area of the City and in a small area in the unincorporated portion of Los Angeles County. The objective of the SNMP is to monitor potential impacts that recycled water, introduced through irrigation and injection, will have on the Malibu Groundwater Basin. The SNMP will also provide data to assess the various phases of the CCWTF implementation during the time that the collection system and treatment plant connections increase, and as OWDS-related discharges cease (RMC Water 2015a).

Task IV – Memorandum of Understanding Compliance Monitoring

Compliance with the Memorandum of Understanding (MOU) the City has with the LARWQCB corresponds with baseline and long-term groundwater and surface water monitoring programs described in Tasks I through III above. Task IV involves performing semi-annual monitoring at 14 groundwater wells located in the City's Civic Center area. The objective of the MOU is to monitor for potential impacts to the Shallow Alluvium as a result of CCTWF implementation (LARWQCB 2014).

Task V – Civic Center Groundwater Elevation Monitoring Program

The groundwater elevation monitoring program has been designed to appraise the groundwater elevations in the Malibu Groundwater Basin and in Winter Canyon. The objective of this task is to provide a better understanding of the groundwater elevation conditions in the Civic Center Area, including elevation trends related to precipitation, tidal, and lagoon influences (LARWQCB 2015).

3 Geologic and Hydrogeologic Setting

3.1 Hydrology

The project lies in the Los Angeles hydrologic region, as defined by the LARWQCB. The Los Angeles hydrologic region encompasses all coastal drainages flowing to the Pacific Ocean between Rincon Point and the eastern Los Angeles County line. The study area covers two watersheds: the Malibu Creek and Winter Canyon Creek watersheds. The majority of the study area addressed in this report is located within the 109–square-mile Malibu Creek watershed, which is the second largest watershed draining to the Santa Monica Bay. The Malibu Creek watershed contains mostly undeveloped mountain areas, large-acreage residential properties, and many natural stream reaches (Los Angeles RWQCB 2011). Malibu Lagoon is located at the terminus of the Malibu Creek watershed. Malibu Lagoon is a brackish estuary of approximately 13 acres. However, it is one of only two remaining coastal marshes in Los Angeles County.

3.2 Geology

The study area is located within the Santa Monica Mountains in the northwestern corner of the Los Angeles basin. The study area lies at the juncture of the Peninsular Ranges geomorphic province, consisting of a northwest-oriented structural grain, and the Transverse Ranges geomorphic province, which features a predominantly east-west-oriented structural grain.

The 45-mile-long Santa Monica Mountains range is part of the southernmost portion of the western Transverse Ranges province. It forms an east-west range of low mountains along the southern California Coast from the Oxnard Plain to Los Angeles. The Santa Monica Mountain range is characterized by long, south-draining canyons on its south flank and short, north-draining canyons on its north flank. The Malibu Canyon and Winter Canyon are two significant canyons within the study area that drain to the south.

3.3 Hydrogeology

The Malibu Valley Groundwater Basin (DWR groundwater basin no. 4-22) is a small alluvial basin, approximately 613 acres in size. The groundwater basin is bounded by the Pacific Ocean on the south, and by the Santa Monica Mountains, composed of non-water-bearing Tertiary age rocks to the north, east, and west.

Water bearing geologic formations in the Malibu Valley Groundwater Basin are comprised of Holocene alluvium, consisting of clays, silts, sands, and gravels, overlying impermeable bedrock. The unconsolidated alluvium in the Civic Center area by Malibu Creek and other small drainages is estimated to range in thickness from a thin layer near the valley walls to around 175 feet in the central part of the main body of the alluvium. The alluvium can be subdivided into three categories or zones: 1) a shallow zone of permeable alluvial sediments, 2) underlain by a sequence of fine-grained estuarine deposits, and 3) an underlying coarse-grained stratum commonly referred to as the “Civic Center Gravels” (GeoSoils 1989, Leighton 1994, ECI 200, Ambrose and Orme 2000, Fugro West, Inc. 2005, Geosyntec Consultants 2007). Depth to groundwater in the alluvium is typically 5 to 13 feet below grade and is deeper in the upland canyon areas.

4 Activities Completed During the Second Quarter of 2018

The following activities were completed during the Second Quarter of 2018:

- Rincon measured depth to water in groundwater monitoring wells on April 23, 2018, May 10, 2018, and June 19, 2018.
- Rincon collected and analyzed surface water samples for WDR/MRP compliance on May 25, 2018.
- Rincon collected and analyzed groundwater samples for SNMP/MOU compliance between June 20 and June 22, 2018.

5 Groundwater Elevations and Gradients

Rincon mobilized to 46 groundwater monitoring wells to measure the depth to water using an electronic water level indicator on April 23, 2018, May 10, 2018, and June 19, 2018 (Table 1 and Appendix A). Of the 46 groundwater monitoring wells, two of the wells were unable to be located (MBCMW-5 and MBCMW-6). In addition, one well was inaccessible due to lagoon restoration activities. Lastly, one well was reported as dry for all three monitoring events (SMBRP-15B). Therefore, groundwater elevations could not be calculated in four groundwater wells.

5.1 Shallow Zone

The groundwater elevations ranged from 3.74 feet above mean sea level (amsl) in groundwater monitoring well MCWP-MW08 to 22.01 feet amsl in groundwater monitoring well SMBRP-8 (EC1-RC-MW01) (Table 1). Groundwater elevations during the second quarter of 2018 generally increased from April to June in most shallow groundwater monitoring wells located in close proximity to Malibu Lagoon and Creek during the second quarter of 2018 (eastern locations such as C1, P4, and MCWP-MW10). Conversely, groundwater elevations generally decreased from April to June in most shallow groundwater monitoring wells in the vicinity of Civic Center Way (central locations such as SMBRP-9, MBCMW-8, and CCW-4).

Groundwater elevations decreased a maximum of 1.55 feet amsl in groundwater monitoring well MBCMW-10 and a minimum of 0.23 feet amsl in groundwater monitoring well SMBRP-9. Groundwater elevations increased a maximum 2.57 feet amsl in groundwater monitoring well SMBRP-2 and a minimum of 0.37 feet amsl in groundwater monitoring well MCWP-MW07S. The predominant direction of groundwater flow ranged from southeast to south, towards the coastline. Elevation data and flow direction are depicted in Figures 3 through 5.

The shallow groundwater gradient was 0.0046 feet/foot, 0.0046 feet/foot, and 0.0042 feet/foot (calculated using groundwater monitoring wells SMBRP-2, SMBRP-9, and SMBRP-12) during the April, May, and June monitoring events, respectively.

5.2 Deep Zone

The groundwater elevations ranged from 4.14 feet amsl in groundwater monitoring well MCWP-MW07D to 10.29 feet amsl in groundwater monitoring well MCWP-MW09 (Table 1). Groundwater elevations increased in all groundwater monitoring wells when comparing monthly groundwater elevations between April and May 2018 and decreased in all groundwater monitoring wells when comparing monthly groundwater elevations between May and June 2018 (with the exception of MCWP-MW09). Groundwater elevations increased a maximum of 0.96 feet amsl in groundwater monitoring well MCWP-MW06 and increased a minimum of 0.63 feet amsl in groundwater monitoring well MCWP-MW07D.

5.3 Winter Canyon

The groundwater elevations ranged from 9.31 feet amsl in groundwater monitoring well SMBRP-11 to 50.35 feet amsl in groundwater monitoring well LAMW-5S (Table 1). Groundwater elevation decreased 0.40 feet amsl in groundwater monitoring well LAMW-5S and increased 0.85 feet amsl in groundwater monitoring well SMBRP-11 when comparing monthly groundwater elevations between April and June 2018.

6 Water Quality Sampling Analysis

6.1 Surface Water Sampling Methodology

On May 25, 2018 a total of ten surface water samples were collected. Four ocean water samples were collected from the near shore area along Malibu Road (N-001 through N-004) and six surface water samples were collected from the Malibu Lagoon and Creek (L-001 through L-006). The nearshore surface water samples were collected from each location at a depth of approximately 3-6 inches (ankle deep). Surface water samples from Malibu Lagoon and Creek were collected from each location at a depth of approximately twelve inches below the surface of the water.

All surface water samples were collected up-current of the sampling person's body to minimize the potential for contaminating the surface water sample with bacteria that may originate from field personnel. Surface water samples were collected directly into lab-supplied containers when possible, or into a field sampling container and then transferred into preserved and non-preserved containers supplied by Fruit Growers Laboratory, Inc. (FGL) located in Santa Paula, California. The containers were capped, labeled, placed in Ziploc bags, and stored on ice in a cooler pending delivery to FGL.

The surface water samples were analyzed for total and fecal coliform, total dissolved solids (TDS), phosphorous, nitrate (as nitrogen), nitrite (as nitrogen), ammonia, organic nitrogen, and total Kjeldahl nitrogen (TKN). All surface water monitoring locations and corresponding laboratory analyses are shown in the Groundwater and Surface Water Analytical Matrix (Table 2).

6.2 Groundwater Sampling Methodology

A total of sixteen groundwater samples were collected during the second quarter of 2018. As of the second quarter of 2018, the damaged monitoring well TY-MW-1 was replaced by SMBRP-11 for quarterly groundwater monitoring activities[1]. Prior to sampling, a minimum of three casing volumes were purged from each well using a submersible pump. Purging stopped when consecutive water quality measurements (temperature, electrical conductivity, and pH) varied by less than 10 percent or until the well purged dry, which ever occurred first. Field equipment was decontaminated between each well. Purged groundwater and decontamination water was stored in 55-gallon drums approved by Department of Transportation (DOT). Field data are included in Appendix A.

Once each well was purged, groundwater samples were collected using preserved and non-preserved containers supplied by FGL. The containers were capped, labeled, placed in Ziploc bags, and stored on ice in coolers pending delivery to FGL. All groundwater monitoring locations and corresponding laboratory analysis are shown in the Groundwater and Surface Water Analytical Matrix (Table 2).

6.3 Surface Water Analytical Laboratory Analysis

The surface water samples collected during the Second Quarter 2018 sampling event were analyzed by FGL. The laboratory analytical results for the Second Quarter monitoring event are shown in Table 3. Laboratory reports are included as Appendix B of this report.

6.3.1 Total Coliform

During the Second Quarter 2018 monitoring event, total coliform concentrations in the near shore surface water ranged from less than 1.8 Most Probable Number per 100 milliliters (MPN/100 mL) at N-002 and N-003 to 4.0 MPN/100 mL at N-001 and N-004. An average concentration of 2.45 MPN/100 mL was calculated for all near shore samples collected during the Second Quarter 2018 monitoring event.[2] Total coliform concentrations in the surface water of Malibu Lagoon and Creek ranged from 49 MPN/100 mL at L-006 to greater than 1,600 MPN/100 mL at L-005. An average concentration of approximately 499 MPN/100 mL was calculated for all surface water samples collected in Malibu Lagoon and Creek.[3]

6.3.2 Fecal Coliform

All fecal coliform concentrations in surface water samples collected at the near shore were collected below the reporting limit of 1.8 MPN/100mL. Fecal coliform concentrations in the Malibu Lagoon and Creek surface water ranged from 4.5 MPN/100 mL at L-002 to greater than 1,600 MPN/100 mL at L-005 with an average concentration of 296 MPN/100 mL[3].

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[1] See LARWQCB correspondence with City of Malibu dated May 18, 2018, titled "Revision of the Monitoring and Reporting Program for Monitoring Well Replacement for City of Malibu – Malibu Civic Center Wastewater Treatment Facility (File No. 11-087, Order No. R4-2015-0051, CI-10042, Global ID WDR100000359)"

[2] For fecal coliform results that were below 1.8 MPN/100mL, a value of half of the lower detection limit (0.9 MPN/100mL) was used to calculate the average.

3 The upper detection limit value was used for results that exceeded the upper limit to calculate the average coliform concentrations.

6.3.3 Nitrogen

Nitrate as Nitrogen

All nitrate as nitrogen concentrations in surface water samples collected at the near shore and Malibu Lagoon and Creek sampling locations were detected below the analytical practical quantification limit (PQL, reporting limit)[4] of 0.1 mg/L, but above the method detection limit (MDL)[5] of 0.032 mg/L (ranging from 0.06 mg/L to 0.08 mg/L).

Other Forms of Nitrogen

All nitrite as nitrogen concentrations in surface water samples collected at the near shore and Malibu Lagoon and Creek sampling locations were detected below the reporting limit of 0.1 mg/L, but all were detected above the MDL of 0.011 mg/L (ranging from 0.011 mg/L to 0.013 mg/L).

Organic nitrogen concentrations in surface water samples collected at the near shore sampling locations during the Second Quarter 2018 monitoring event were not detected above the MDL of 0.072 mg/L. With the exception of L-002, all Malibu Lagoon and Creek sampling locations were reported below the reporting limit, but above the MDL (ranging from 0.400 to 0.940).

Ammonia (NH_3^+) is the primary form of nitrogen in OWDS effluent, and it is converted to nitrate during the leaching process through the vadose zone (Figure 6). All ammonia concentrations in surface water samples collected at the near shore and the Malibu Lagoon and Creek sampling locations during the Second Quarter 2018 monitoring event were not detected above the MDL of 0.072 mg/L.

TKN concentrations in surface water samples collected at the near shore sampling locations during the Second Quarter 2018 monitoring event were not detected above the MDL of 0.32 mg/L. With the exception of L-002, all Malibu Lagoon and Creek sampling locations were reported below the reporting limit, but above the MDL (ranging from 0.40 to 0.94).

6.3.4 Total Phosphorous

Total phosphorus concentrations in surface water samples collected at the near shore sampling locations during the Second Quarter 2018 sampling event were not detected above the MDL (0.02 mg/L). Total phosphorus was detected above the reporting limit in all the Malibu Lagoon and Creek sampling locations, ranging from 0.145 mg/L at L-002 to 0.411 mg/L at L-005.

6.3.5 Analytical Laboratory QA/QC

FGL performed QA/QC measures including the recovery of surrogates. FGL followed all QA procedures per method requirements. Any exceedances are indicated in the Case Narrative of the analytical laboratory report. The Data Qualifier Flag (DQF) column of the analytical reports also have the QC flags; definitions for the QC flags are below the analytical tables.

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[4] The PQL is the minimum concentration of an analyte that can be measured with a high degree of confidence that the analyte is present at or above that concentration.

5 The MDL is a lab calculation, defined as the minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero. The MDL is determined from analysis of a sample in a given matrix containing the analyte.

6.4 Groundwater Analytical Laboratory Analysis

Groundwater samples collected during the second quarter of 2018 were analyzed by FGL. The laboratory analytical results from the monitoring event include constituents listed in Table 4. Laboratory reports are included as Appendix B of this report.

6.4.1 Total Coliform

During the second quarter 2018 monitoring event, total coliform concentrations in groundwater wells ranged from less than 1.8 MPN/100 mL in three wells to 110 MPN/100 mL at SMBRP-9 with an average concentration of 12.98 MPN/100 mL[6].

6.4.2 Fecal Coliform

Fecal coliform concentrations not detected above the PQL of 1.8 MPN/100 mL in any groundwater well.

6.4.3 Nitrogen

Nitrate as Nitrogen

During the second quarter 2018 monitoring event, nitrate as nitrogen ranged from 0.1 mg/L at SMBRP-12 and MCWP-MW09 to 18.5 mg/L at SMBRP-9 with an average concentration of 3.70 mg/L. Groundwater wells SMBRP-11 and SMBRP-9 had the highest detected nitrate as nitrogen concentrations of 14.9 mg/L and 18.5 mg/L, respectively.

Other forms of Nitrogen

During the second quarter 2018 monitoring event, nitrite as nitrogen was not detected above the PQL of 0.1 mg/L. Ammonia concentrations detected ranged from less than 0.2 mg/L to 4.25 mg/L with an average concentration of 0.75 mg/L.

Organic nitrogen concentrations were detected above the PQL of 0.5 mg/L in three groundwater monitoring wells, and ranged in concentration from 0.566 mg/L to 1.17 mg/L. TKN concentrations ranged from less than 0.5 mg/L at multiple groundwater monitoring wells to 3.89 mg/L at SMBRP-12 with an average concentration of 0.79 mg/L.[7]

6.4.4 Total Phosphorous

During the second quarter 2018 monitoring event total phosphorus concentrations in groundwater samples analyzed ranged from less than 0.1 mg/L at MCWP-MW07Dto 2.0 mg/L at LAMW-5S with an average concentration of 0.70 mg/L.

[6] For total coliform results that were below 1.8 MPN/100mL, a value of half of the lower detection limit (0.9 MPN/100mL) was used to calculate the average.

[7] For TKN and total phosphorous results that were below the PQL, a value half of the PQL was used to calculate the average.

6.4.5 Total Dissolved Solids

Total Dissolved Solids (TDS) concentrations in groundwater samples analyzed during the second quarter of 2018 ranged from 477 mg/L at MCWP-MW07Dto 7,290 mg/L at MBCMW-09with an average concentration of 1,970 mg/L.

6.4.6 Analytical Laboratory QA/QC

FGL performed QA/QC measures including the recovery of surrogates. FGL followed all QA procedures per method requirements. Any exceedances are indicated in the Case Narrative of the analytical laboratory report. The DQF column of the analytical reports also has the QC flags; definitions for the QC flags are below the analytical tables.

7 Scheduled Activities for the Third Quarter of 2018

The following activities will be completed during the Third Quarter of 2018:

- Prepare and submit the Second Quarter 2018 Groundwater and Surface Water Monitoring Report to the LARWQCB.
- The CCWTP will be discharging treated wastewater commencing in the third quarter of 2018. Therefore, Task II – Long-Term Monitoring of Groundwater and Surface Water Quality Monitoring will be triggered and quarterly groundwater monitoring will be conducted.
- Rincon will collect and analyze groundwater samples for SNMP compliance (Task III).
- Rincon will collect and analyze groundwater samples for MOU compliance (Task IV).
- Rincon will measure depth to water in the groundwater monitoring wells in July, August, and September (Task V).

8 Summary of Monitoring Activities

8.1 Groundwater Elevations

Groundwater elevations generally increased in most shallow groundwater monitoring wells located in close proximity to Malibu Lagoon and Creek during the second quarter of 2018. Deep groundwater monitoring well elevations increased between April and May 2018 and decreased between May and June 2018. At Winter Canyon, monitoring wells LAMW-5S and SMBRP-11 remained relatively static. Shallow groundwater generally flows southeast to south, towards the coastline.

8.2 Surface Water Quality

When comparing coliform bacteria results from the Second Quarter 2018 surface water monitoring event to past quarters, a general decrease was observed at both near shore surface water and Malibu Lagoon and Creek surface water sampling locations. Only one increase of fecal coliform was observed when comparing concentrations from the second quarter 2018 to the first quarter 2018, where L-005 increased from 94 MPN/100mL to greater than 1,600 MPN/100mL.

Nitrate as nitrogen concentrations in all surface water samples collected at the near shore and Malibu Lagoon and Creek sampling locations were below the PQL of 0.1 mg/L.

Overall, the Second Quarter 2018 surface water monitoring event generally showed decreasing concentrations in comparison to those observed in past events.

8.3 Groundwater Quality

A total of sixteen groundwater monitoring wells were sampled during the second quarter of 2018 as part of the SNMP and MOU monitoring programs. Total coliform concentrations in groundwater wells ranged from less than 1.8 MPN/100 mL in three groundwater monitoring wells to 110 MPN/100 mL at SMBRP-9 with an average concentration of 13.82 MPN/100 mL. In comparison to the Third Quarter 2017 monitoring event, concentrations at LAMW-5S decreased from greater than 1,600 MPN/100 mL to 7.8 MPN/100 mL. Additionally, with the exception of SMBRP-9, which increased from 7.8 MPN/100mL to 110 MPN/100mL, total coliform concentrations were relatively consistent when comparing to the Third Quarter 2017 monitoring event. Fecal coliform concentrations were not detected above the PQL of 1.8 MPN/100mL in any of the groundwater wells.

Nitrate as nitrogen concentrations ranged from less than 0.1 mg/L at SMBRP-12 and MCWP-MW09 to 18.5 mg/L at SMBRP-9 with an average concentration of 3.15 mg/L. Groundwater wells SMBRP-11 and SMBRP-9 had the highest detected nitrate as nitrogen concentrations of 14.9 mg/L and 18.5 mg/L, respectively.

TDS concentrations in groundwater samples analyzed during the second quarter of 2018 ranged from 477 mg/L at MCWP-MW07D to 7,290 mg/L at MBCMW-09 with an average concentration of 1,970 mg/L. TDS concentrations increased in all but three groundwater monitoring wells when comparing concentrations to the Third Quarter Monitoring Event.

9 Limitations

This report has been prepared for and is intended for the exclusive use of the City of Malibu. The contents of this report should not be relied upon by any other party without the written consent of Rincon Consultants, Inc.

Our conclusions regarding the site are based on observations of existing site conditions, our interpretation of site usage information, and the results of a limited subsurface sampling and chemical testing program. The concentrations of contaminants measured at any given location may not be representative of conditions at other locations intermediate to the locations sampled.

Furthermore, conditions may change at any particular location as a function of time in response to natural conditions, chemical reactions, and other events. Conclusions regarding the condition of the site do not represent a warranty that all areas within the site are similar to those sampled.

10 References

Ambrose, Richard F. and Anthony R. Orme. 2000. Lower Malibu Creek and Lagoon Resource Enhancement and Management: Final Report to the California Coastal Conservancy.

Fugro West, Inc. 2005. A Steady-State Groundwater Flow Model for the Proposed Malibu-Lapaz Ranch Development. Prepared for Sterling Capital.

GeoSoils. 1989. Response to County of Los Angeles Geologic Review of 18.4 Acre Parcel NW of Cross Creek Road and Civic Center Way. April 17.

Geosyntec Consultants. 2007. Geotechnical Site Exploration and Interpretation of Subsurface Conditions, Malibu Legacy Park Site, Malibu, California. Report prepared for RMC Water and Environment. July 30.

Leighton and Associates, Inc. 1994. Report for Geotechnical Studies for Planning Purposes in the Civic Center Area, City of Malibu, California. Volumes I and II.

Los Angeles Regional Water Quality Control Board. 2011. State of the Watershed, Report on Water Quality, the Santa Monica Bay Watershed Management Area. Second Edition. November.

Los Angles Regional Water Quality Control Board. 2014. Memorandum of Understanding Between City of Malibu and the Regional Water Quality Control Board, Los Angeles Region and State Water Resources Control Board Regarding Phased Implementation of Basin Plan Amendment Prohibiting On-Site Wastewater Disposal Systems in the Malibu Civic Center Area.

Los Angles Regional Water Quality Control Board. 2015. Waste Discharge Requirements / Water Recycling Requirements for Malibu Civic Center Wastewater Treatment Facility – Phase I & II.

RMC Water. 2015a. Draft Salt Nutrient and Management Plan Malibu Valley Groundwater Basin.

RMC Water. 2015b. Draft Groundwater Management Plan Malibu Valley Groundwater Basin.

Tables

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
C-1	8/24/2015	11.47	N/A	-
C-1	9/21/2015	11.47	N/A	-
C-1	10/20/2015	11.47	N/A	-
C-1	11/16/2015	11.47	5.07	6.40
C-1	12/14/2015	11.47	4.12	7.35
C-1	1/14/2016	11.47	6.65	4.82
C-1	2/16/2016	11.47	6.65	4.82
C-1	3/14/2016	11.47	6.80	4.67
C-1	4/25/2016	11.47	5.72	5.75
C-1	5/16/2016	11.47	4.59	6.88
C-1	6/17/2016	11.47	4.72	6.75
C-1	7/20/2016	11.47	5.32	6.15
C-1	8/20/2016	11.47	5.42	6.05
C-1	9/19/2016	11.47	5.47	6.00
C-1	10/21/2016	11.47	5.64	5.83
C-1	11/18/2016	11.47	4.71	6.76
C-1	12/19/2016	11.47	6.75	4.72
C-1	1/17/2017	11.47	6.89	4.58
C-1	2/24/2017	11.47	7.28	4.19
C-1	3/27/2017	11.47	6.66	4.81
C-1	4/17/2017	11.47	7.32	4.15
C-1	5/22/2017	11.47	6.74	4.73
C-1	6/20/2017	11.47	4.49	6.98
C-1	7/28/2017	11.47	4.51	6.96
C-1	8/25/2017	11.47	4.61	6.86
C-1	9/11/2017	11.47	4.96	6.51
C-1	10/16/2017	11.47	5.13	6.34
C-1	11/15/2017	11.47	5.32	6.15
C-1	12/11/2017	11.47	7.70	3.77
C-1	1/22/2018	11.47	6.63	4.84
C-1	2/14/2018	11.47	6.42	5.05
C-1	3/19/2018	11.47	6.86	4.61
C-1	4/23/2018	11.47	6.10	5.37
C-1	5/10/2018	11.47	4.98	6.49
C-1	6/19/2018	11.47	4.05	7.42
C-2	8/24/2015	11.19	5.11	6.08
C-2	9/21/2015	11.19	4.92	6.27
C-2	10/20/2015	11.19	5.18	6.01
C-2	11/16/2015	11.19	4.96	6.23
C-2	12/14/2015	11.19	3.93	7.26
C-2	1/14/2016	11.19	6.44	4.75
C-2	2/16/2016	11.19	6.34	4.85
C-2	3/14/2016	11.19	6.50	4.69
C-2	4/25/2016	11.19	5.54	5.65
C-2	5/16/2016	11.19	4.49	6.70
C-2	6/17/2016	11.19	4.62	6.57
C-2	7/20/2016	11.19	5.16	6.03
C-2	8/20/2016	11.19	5.25	5.94
C-2	9/19/2016	11.19	5.21	5.98
C-2	10/21/2016	11.19	5.46	5.73
C-2	11/18/2016	11.19	4.48	6.71
C-2	12/19/2016	11.19	6.74	4.45
C-2	1/17/2017	11.19	6.51	4.68
C-2	2/24/2017	11.19	6.84	4.35
C-2	3/27/2017	11.19	6.55	4.64
C-2	4/17/2017	11.19	7.05	4.14
C-2	5/22/2017	11.19	6.54	4.65
C-2	6/20/2017	11.19	3.81	7.38
C-2	7/28/2017	11.19	4.37	6.82
C-2	8/25/2017	11.19	4.57	6.62
C-2	9/11/2017	11.19	4.86	6.33
C-2	10/16/2017	11.19	4.95	6.24
C-2	11/15/2017	11.19	5.04	6.15
C-2	12/11/2017	11.19	7.46	3.73
C-2	1/22/2018	11.19	6.68	4.51
C-2	2/14/2018	11.19	6.29	4.90
C-2	3/19/2018	11.19	6.57	4.62
C-2	4/23/2018	11.19	6.01	5.18
C-2	5/10/2018	11.19	4.84	6.35
C-2	6/19/2018	11.19	3.91	7.28

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
CCPE	8/24/2015	12.94	5.76	7.18
CCPE	9/21/2015	12.94	5.61	7.33
CCPE	10/20/2015	12.94	5.87	7.07
CCPE	11/16/2015	12.94	5.79	7.15
CCPE	12/14/2015	12.94	4.52	8.42
CCPE	1/14/2016	12.94	7.95	4.99
CCPE	2/16/2016	12.94	8.27	4.67
CCPE	3/14/2016	12.94	8.35	4.59
CCPE	4/25/2016	12.94	7.13	5.81
CCPE	5/16/2016	12.94	5.72	7.22
CCPE	6/17/2016	12.94	6.54	6.40
CCPE	7/20/2016	12.94	6.09	6.85
CCPE	8/20/2016	12.94	6.43	6.51
CCPE	9/19/2016	12.94	6.80	6.14
CCPE	10/21/2016	12.94	6.67	6.27
CCPE	11/18/2016	12.94	5.61	7.33
CCPE	12/19/2016	12.94	11.63	1.31
CCPE	1/17/2017	12.94	8.38	4.56
CCPE	2/24/2017	12.94	8.67	4.27
CCPE	3/27/2017	12.94	8.21	4.73
CCPE	4/17/2017	12.94	8.90	4.04
CCPE	5/22/2017	12.94	8.25	4.69
CCPE	6/20/2017	12.94	5.73	7.21
CCPE	7/28/2017	12.94	5.47	7.47
CCPE	8/25/2017	12.94	5.68	7.26
CCPE	9/11/2017	12.94	6.00	6.94
CCPE	10/16/2017	12.94	5.60	7.34
CCPE	11/15/2017	12.94	5.82	7.12
CCPE	12/11/2017	12.94	8.70	4.24
CCPE	1/22/2018	12.94	10.67	2.27
CCPE	2/14/2018	12.94	7.50	5.44
CCPE	3/19/2018	12.94	8.06	4.88
CCPE	4/23/2018	12.94	6.24	6.70
CCPE	5/10/2018	12.94	5.86	7.08
CCPE	6/19/2018	12.94	4.96	7.98
CCPNE	8/24/2015	13.68	6.44	7.24
CCPNE	9/21/2015	13.68	6.27	7.41
CCPNE	10/20/2015	13.68	6.54	7.14
CCPNE	11/16/2015	13.68	6.74	6.94
CCPNE	12/14/2015	13.68	5.28	8.40
CCPNE	1/14/2016	13.68	8.51	5.17
CCPNE	2/16/2016	13.68	8.65	5.03
CCPNE	3/14/2016	13.68	8.65	5.03
CCPNE	4/25/2016	13.68	7.79	5.89
CCPNE	5/16/2016	13.68	6.39	7.29
CCPNE	6/17/2016	13.68	5.83	7.85
CCPNE	7/20/2016	13.68	6.79	6.89
CCPNE	8/20/2016	13.68	7.16	6.52
CCPNE	9/19/2016	13.68	7.52	6.16
CCPNE	10/21/2016	13.68	7.40	6.28
CCPNE	11/18/2016	13.68	6.32	7.36
CCPNE	12/19/2016	13.68	8.82	4.86
CCPNE	1/17/2017	13.68	8.66	5.02
CCPNE	2/24/2017	13.68	8.80	4.88
CCPNE	3/27/2017	13.68	9.37	4.31
CCPNE	4/17/2017	13.68	9.16	4.52
CCPNE	5/22/2017	13.68	8.97	4.71
CCPNE	6/20/2017	13.68	6.63	7.05
CCPNE	7/28/2017	13.68	6.26	7.42
CCPNE	8/25/2017	13.68	6.51	7.17
CCPNE	9/11/2017	13.68	6.81	6.87
CCPNE	10/16/2017	13.68	6.58	7.10
CCPNE	11/15/2017	13.68	6.52	7.16
CCPNE	12/11/2017	13.68	9.14	4.54
CCPNE	1/22/2018	13.68	8.53	5.15
CCPNE	2/14/2018	13.68	8.13	5.55
CCPNE	3/20/2018	13.68	8.52	5.16
CCPNE	4/23/2018	13.68	7.87	5.81
CCPNE	5/10/2018	13.68	6.54	7.14
CCPNE	6/19/2018	13.68	5.69	7.99

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
CCPSW	8/24/2015	13.67	6.29	7.38
CCPSW	9/21/2015	13.67	6.09	7.58
CCPSW	10/20/2015	13.67	6.35	7.32
CCPSW	11/16/2015	13.67	6.24	7.43
CCPSW	12/14/2015	13.67	5.27	8.40
CCPSW	1/14/2016	13.67	8.22	5.45
CCPSW	2/16/2016	13.67	8.11	5.56
CCPSW	3/14/2016	13.67	8.05	5.62
CCPSW	4/25/2016	13.67	7.50	6.17
CCPSW	5/16/2016	13.67	6.18	7.49
CCPSW	6/17/2016	13.67	6.26	7.41
CCPSW	7/20/2016	13.67	6.60	7.07
CCPSW	8/20/2016	13.67	6.92	6.75
CCPSW	9/19/2016	13.67	7.28	6.39
CCPSW	10/21/2016	13.67	7.17	6.50
CCPSW	11/18/2016	13.67	6.22	7.45
CCPSW	12/19/2016	13.67	8.34	5.33
CCPSW	1/17/2017	13.67	8.03	5.64
CCPSW	2/24/2017	13.67	8.27	5.40
CCPSW	3/27/2017	13.67	9.32	4.35
CCPSW	4/17/2017	13.67	8.64	5.03
CCPSW	5/22/2017	13.67	8.86	4.81
CCPSW	6/20/2017	13.67	6.59	7.08
CCPSW	7/28/2017	13.67	6.17	7.50
CCPSW	8/25/2017	13.67	6.47	7.20
CCPSW	9/11/2017	13.67	6.76	6.91
CCPSW	10/16/2017	13.67	6.38	7.29
CCPSW	11/15/2017	13.67	6.36	7.31
CCPSW	12/11/2017	13.67	8.65	5.02
CCPSW	1/22/2018	13.67	8.15	5.52
CCPSW	2/14/2018	13.67	8.05	5.62
CCPSW	3/19/2018	13.67	8.15	5.52
CCPSW	4/23/2018	13.67	7.68	5.99
CCPSW	5/10/2018	13.67	6.36	7.31
CCPSW	6/19/2018	13.67	5.51	8.16
CCW-4	8/24/2015	15.77	6.50	9.27
CCW-4	9/21/2015	15.77	6.71	9.06
CCW-4	10/20/2015	15.77	6.90	8.87
CCW-4	11/16/2015	15.77	7.02	8.75
CCW-4	12/14/2015	15.77	7.05	8.72
CCW-4	1/14/2016	15.77	6.19	9.58
CCW-4	2/16/2016	15.77	6.17	9.60
CCW-4	3/14/2016	15.77	5.72	10.05
CCW-4	4/25/2016	15.77	5.28	10.49
CCW-4	5/16/2016	15.77	6.45	9.32
CCW-4	6/17/2016	15.77	6.70	9.07
CCW-4	7/20/2016	15.77	7.07	8.70
CCW-4	8/20/2016	15.77	7.33	8.44
CCW-4	9/19/2016	15.77	7.56	8.21
CCW-4	10/21/2016	15.77	7.68	8.09
CCW-4	11/18/2016	15.77	7.84	7.93
CCW-4	12/19/2016	15.77	7.09	8.68
CCW-4	1/17/2017	15.77	4.97	10.80
CCW-4	2/24/2017	15.77	2.04	13.73
CCW-4	3/27/2017	15.77	2.92	12.85
CCW-4	4/17/2017	15.77	5.30	10.47
CCW-4	5/22/2017	15.77	5.72	10.05
CCW-4	6/20/2017	15.77	6.27	9.50
CCW-4	7/28/2017	15.77	7.30	8.47
CCW-4	8/25/2017	15.77	7.74	8.03
CCW-4	9/11/2017	15.77	7.76	8.01
CCW-4	10/16/2017	15.77	6.99	8.78
CCW-4	11/15/2017	15.77	6.43	9.34
CCW-4	12/11/2017	15.77	6.36	9.41
CCW-4	1/22/2018	15.77	6.04	9.73
CCW-4	2/14/2018	15.77	6.04	9.73
CCW-4	3/19/2018	15.77	5.45	10.32
CCW-4	4/23/2018	15.77	5.40	10.37
CCW-4	5/10/2018	15.77	5.44	10.33
CCW-4	6/19/2018	15.77	5.67	10.10

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
GH6-M1	8/24/2015	-	28.92	-
GH6-M1	9/21/2015	-	29.11	-
GH6-M1	10/20/2015	-	29.24	-
GH6-M1	11/16/2015	-	29.32	-
GH6-M1	12/14/2015	-	29.43	-
GH6-M1	1/14/2016	-	29.43	-
GH6-M1	2/16/2016	-	29.56	-
GH6-M1	3/14/2016	-	29.44	-
GH6-M1	4/25/2016	-	29.46	-
GH6-M1	5/16/2016	-	29.35	-
GH6-M1	6/17/2016	-	29.20	-
GH6-M1	7/20/2016	-	29.49	-
GH6-M1	8/20/2016	-	29.58	-
GH6-M1	9/19/2016	-	29.69	-
GH6-M1	10/21/2016	-	29.85	-
GH6-M1	11/18/2016	-	29.95	-
GH6-M1	12/19/2016	-	30.05	-
GH6-M1	1/17/2017	-	29.90	-
GH6-M1	2/24/2017	-	28.74	-
GH6-M1	3/27/2017	-	27.63	-
GH6-M1	4/17/2017	-	26.91	-
GH6-M1	5/22/2017	-	26.16	-
GH6-M1	6/20/2017	-	26.13	-
GH6-M1	7/28/2017	-	26.36	-
GH6-M1	8/25/2017	-	26.61	-
GH6-M1	9/11/2017	-	26.81	-
GH6-M1	10/16/2017	-	27.13	-
GH6-M1	11/15/2017	-	27.30	-
GH6-M1	12/11/2017	-	27.51	-
GH6-M1	1/22/2018	-	27.83	-
GH6-M1	2/14/2018	-	27.98	-
GH6-M1	3/19/2018	-	28.10	-
GH6-M1	4/23/2018	-	27.76	-
GH6-M1	5/10/2018	-	27.65	-
GH6-M1	6/19/2018	-	27.72	-
GH8-M3	8/24/2015	-	28.37	-
GH8-M3	9/21/2015	-	28.54	-
GH8-M3	10/20/2015	-	28.69	-
GH8-M3	11/16/2015	-	28.75	-
GH8-M3	12/14/2015	-	28.78	-
GH8-M3	1/14/2016	-	28.92	-
GH8-M3	2/16/2016	-	28.96	-
GH8-M3	3/14/2016	-	28.79	-
GH8-M3	4/25/2016	-	28.78	-
GH8-M3	5/16/2016	-	28.63	-
GH8-M3	6/17/2016	-	28.67	-
GH8-M3	7/20/2016	-	28.90	-
GH8-M3	8/20/2016	-	29.08	-
GH8-M3	9/19/2016	-	29.19	-
GH8-M3	10/21/2016	-	29.36	-
GH8-M3	11/18/2016	-	29.36	-
GH8-M3	12/19/2016	-	29.44	-
GH8-M3	1/17/2017	-	29.27	-
GH8-M3	2/24/2017	-	27.80	-
GH8-M3	3/27/2017	-	26.22	-
GH8-M3	4/17/2017	-	25.44	-
GH8-M3	5/22/2017	-	25.13	-
GH8-M3	6/20/2017	-	25.38	-
GH8-M3	7/28/2017	-	25.84	-
GH8-M3	8/25/2017	-	26.13	-
GH8-M3	9/11/2017	-	26.33	-
GH8-M3	10/16/2017	-	26.63	-
GH8-M3	11/15/2017	-	26.77	-
GH8-M3	12/11/2017	-	27.13	-
GH8-M3	1/22/2018	-	27.44	-
GH8-M3	2/14/2018	-	27.55	-
GH8-M3	3/19/2018	-	27.68	-
GH8-M3	4/23/2018	-	27.14	-
GH8-M3	5/10/2018	-	27.08	-
GH8-M3	6/19/2018	-	27.13	-

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
GH9-M4	8/24/2015	-	30.31	-
GH9-M4	9/21/2015	-	30.54	-
GH9-M4	10/20/2015	-	30.66	-
GH9-M4	11/16/2015	-	30.75	-
GH9-M4	12/14/2015	-	30.86	-
GH9-M4	1/14/2016	-	34.54	-
GH9-M4	2/16/2016	-	31.12	-
GH9-M4	3/14/2016	-	31.07	-
GH9-M4	4/25/2016	-	34.32	-
GH9-M4	5/16/2016	-	32.80	-
GH9-M4	6/17/2016	-	30.56	-
GH9-M4	7/20/2016	-	30.90	-
GH9-M4	8/20/2016	-	31.09	-
GH9-M4	9/19/2016	-	31.18	-
GH9-M4	10/21/2016	-	31.29	-
GH9-M4	11/18/2016	-	30.87	-
GH9-M4	12/19/2016	-	31.11	-
GH9-M4	1/17/2017	-	30.79	-
GH9-M4	2/24/2017	-	30.53	-
GH9-M4	3/27/2017	-	24.94	-
GH9-M4	4/17/2017	-	24.79	-
GH9-M4	5/22/2017	-	29.08	-
GH9-M4	6/20/2017	-	26.30	-
GH9-M4	7/28/2017	-	27.14	-
GH9-M4	8/25/2017	-	27.57	-
GH9-M4	9/11/2017	-	27.67	-
GH9-M4	10/16/2017	-	27.92	-
GH9-M4	11/15/2017	-	28.27	-
GH9-M4	12/11/2017	-	28.70	-
GH9-M4	1/22/2018	-	29.23	-
GH9-M4	2/14/2018	-	27.73	-
GH9-M4	3/19/2018	-	29.62	-
GH9-M4	4/23/2018	-	29.12	-
GH9-M4	5/10/2018	-	29.07	-
GH9-M4	6/19/2018	-	29.09	-
M6-1	8/24/2015	-	6.61	-
M6-1	9/21/2015	-	6.43	-
M6-1	10/20/2015	-	6.72	-
M6-1	11/16/2015	-	6.68	-
M6-1	12/14/2015	-	6.35	-
M6-1	1/14/2016	-	6.63	-
M6-1	2/16/2016	-	7.03	-
M6-1	3/14/2016	-	6.45	-
M6-1	4/25/2016	-	7.15	-
M6-1	5/16/2016	-	6.85	-
M6-1	6/17/2016	-	7.04	-
M6-1	7/20/2016	-	7.34	-
M6-1	8/20/2016	-	7.61	-
M6-1	9/19/2016	-	7.87	-
M6-1	10/21/2016	-	7.83	-
M6-1	11/18/2016	-	7.19	-
M6-1	12/19/2016	-	7.26	-
M6-1	1/17/2017	-	5.81	-
M6-1	2/24/2017	-	4.96	-
M6-1	3/27/2017	-	7.17	-
M6-1	4/17/2017	-	6.77	-
M6-1	5/22/2017	-	7.74	-
M6-1	6/20/2017	-	7.14	-
M6-1	7/28/2017	-	6.97	-
M6-1	8/25/2017	-	7.14	-
M6-1	9/11/2017	-	7.18	-
M6-1	10/16/2017	-	6.71	-
M6-1	11/15/2017	-	6.57	-
M6-1	12/11/2017	-	7.20	-
M6-1	1/22/2018	-	6.79	-
M6-1	2/14/2018	-	6.93	-
M6-1	3/19/2018	-	6.36	-
M6-1	4/23/2018	-	6.70	-
M6-1	5/10/2018	-	6.20	-
M6-1	6/19/2018	-	5.03	-

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
M6-2	8/24/2015	-	5.76	-
M6-2	9/21/2015	-	5.75	-
M6-2	10/20/2015	-	6.08	-
M6-2	11/16/2015	-	6.17	-
M6-2	12/14/2015	-	6.12	-
M6-2	1/14/2016	-	4.69	-
M6-2	2/16/2016	-	5.46	-
M6-2	3/14/2016	-	4.27	-
M6-2	4/25/2016	-	5.51	-
M6-2	5/16/2016	-	5.74	-
M6-2	6/17/2016	-	5.94	-
M6-2	7/20/2016	-	6.21	-
M6-2	8/20/2016	-	6.42	-
M6-2	9/19/2016	-	6.61	-
M6-2	10/21/2016	-	6.82	-
M6-2	11/18/2016	-	6.96	-
M6-2	12/19/2016	-	5.93	-
M6-2	1/17/2017	-	3.05	-
M6-2	2/24/2017	-	1.75	-
M6-2	3/27/2017	-	3.87	-
M6-2	4/17/2017	-	4.80	-
M6-2	5/22/2017	-	5.98	-
M6-2	6/20/2017	-	6.45	-
M6-2	7/28/2017	-	6.55	-
M6-2	8/25/2017	-	6.58	-
M6-2	9/11/2017	-	6.30	-
M6-2	10/16/2017	-	5.45	-
M6-2	11/15/2017	-	5.27	-
M6-2	12/11/2017	-	4.41	-
M6-2	1/22/2018	-	4.98	-
M6-2	2/14/2018	-	5.40	-
M6-2	3/19/2018	-	4.26	-
M6-2	4/23/2018	-	4.65	-
M6-2	5/10/2018	-	4.56	-
M6-2	6/19/2018	-	6.20	-
M7-1	8/24/2015	-	8.09	-
M7-1	9/21/2015	-	8.12	-
M7-1	10/20/2015	-	8.40	-
M7-1	11/16/2015	-	8.48	-
M7-1	12/14/2015	-	8.30	-
M7-1	1/14/2016	-	8.04	-
M7-1	2/16/2016	-	8.36	-
M7-1	3/14/2016	-	7.83	-
M7-1	4/25/2016	-	8.46	-
M7-1	5/16/2016	-	8.17	-
M7-1	6/17/2016	-	8.22	-
M7-1	7/20/2016	-	8.54	-
M7-1	8/20/2016	-	8.74	-
M7-1	9/19/2016	-	8.88	-
M7-1	10/21/2016	-	9.01	-
M7-1	11/18/2016	-	8.98	-
M7-1	12/19/2016	-	8.68	-
M7-1	1/17/2017	-	6.94	-
M7-1	2/24/2017	-	5.13	-
M7-1	3/27/2017	-	6.71	-
M7-1	4/17/2017	-	7.52	-
M7-1	5/22/2017	-	8.28	-
M7-1	6/20/2017	-	8.22	-
M7-1	7/28/2017	-	8.37	-
M7-1	8/25/2017	-	8.61	-
M7-1	9/11/2017	-	8.76	-
M7-1	10/16/2017	-	8.14	-
M7-1	11/15/2017	-	7.95	-
M7-1	12/11/2017	-	8.25	-
M7-1	1/22/2018	-	7.95	-
M7-1	2/14/2018	-	7.96	-
M7-1	3/19/2018	-	7.18	-
M7-1	4/23/2018	-	7.41	-
M7-1	5/10/2018	-	7.30	-
M7-1	6/19/2018	-	7.37	-

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
M7-2	8/24/2015	-	7.78	-
M7-2	9/21/2015	-	7.91	-
M7-2	10/20/2015	-	8.15	-
M7-2	11/16/2015	-	8.27	-
M7-2	12/14/2015	-	8.28	-
M7-2	1/14/2016	-	7.34	-
M7-2	2/16/2016	-	7.74	-
M7-2	3/14/2016	-	7.03	-
M7-2	4/25/2016	-	7.84	-
M7-2	5/16/2016	-	7.70	-
M7-2	6/17/2016	-	7.77	-
M7-2	7/20/2016	-	8.05	-
M7-2	8/20/2016	-	8.26	-
M7-2	9/19/2016	-	8.42	-
M7-2	10/21/2016	-	8.64	-
M7-2	11/18/2016	-	8.88	-
M7-2	12/19/2016	-	8.21	-
M7-2	1/17/2017	-	5.91	-
M7-2	2/24/2017	-	3.56	-
M7-2	3/27/2017	-	5.29	-
M7-2	4/17/2017	-	6.88	-
M7-2	5/22/2017	-	7.73	-
M7-2	6/20/2017	-	8.07	-
M7-2	7/28/2017	-	8.28	-
M7-2	8/25/2017	-	8.58	-
M7-2	9/11/2017	-	7.45	-
M7-2	10/16/2017	-	7.64	-
M7-2	11/15/2017	-	7.58	-
M7-2	12/11/2017	-	7.68	-
M7-2	1/22/2018	-	7.43	-
M7-2	2/14/2018	-	7.47	-
M7-2	3/19/2018	-	6.40	-
M7-2	4/23/2018	-	6.75	-
M7-2	5/10/2018	-	6.64	-
M7-2	6/19/2018	-	6.98	-
MBCMW-7	8/24/2015	16.64	11.26	5.38
MBCMW-7	9/21/2015	16.64	10.94	5.70
MBCMW-7	10/20/2015	16.64	11.09	5.55
MBCMW-7	11/16/2015	16.64	11.11	5.53
MBCMW-7	12/14/2015	16.64	10.27	6.37
MBCMW-7	1/14/2016	16.64	11.39	5.25
MBCMW-7	2/16/2016	16.64	11.75	4.89
MBCMW-7	3/14/2016	16.64	11.55	5.09
MBCMW-7	4/25/2016	16.64	11.44	5.20
MBCMW-7	5/16/2016	16.64	11.22	5.42
MBCMW-7	6/17/2016	16.64	11.71	4.93
MBCMW-7	7/20/2016	16.64	12.12	4.52
MBCMW-7	8/20/2016	16.64	12.27	4.37
MBCMW-7	9/19/2016	16.64	12.65	3.99
MBCMW-7	10/21/2016	16.64	12.32	4.32
MBCMW-7	11/18/2016	16.64	10.31	6.33
MBCMW-7	12/19/2016	16.64	11.65	4.99
MBCMW-7	1/17/2017	16.64	11.29	5.35
MBCMW-7	2/24/2017	16.64	10.96	5.68
MBCMW-7	3/27/2017	16.64	12.84	3.80
MBCMW-7	4/17/2017	16.64	11.89	4.75
MBCMW-7	5/22/2017	16.64	12.56	4.08
MBCMW-7	6/20/2017	16.64	11.57	5.07
MBCMW-7	7/28/2017	16.64	11.35	5.29
MBCMW-7	8/25/2017	16.64	11.61	5.03
MBCMW-7	9/11/2017	16.64	9.28	7.36
MBCMW-7	10/16/2017	16.64	11.28	5.36
MBCMW-7	11/15/2017	16.64	11.12	5.52
MBCMW-7	12/11/2017	16.64	12.03	4.61
MBCMW-7	1/22/2018	16.64	11.74	4.90
MBCMW-7	2/14/2018	16.64	11.39	5.25
MBCMW-7	3/19/2018	16.64	11.45	5.19
MBCMW-7	4/23/2018	16.64	11.51	5.13
MBCMW-7	5/10/2018	16.64	10.93	5.71
MBCMW-7	6/19/2018	16.64	10.76	5.88

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
MBCMW-8	8/24/2015	16.53	9.11	7.42
MBCMW-8	9/21/2015	16.53	9.13	7.40
MBCMW-8	10/20/2015	16.53	9.44	7.09
MBCMW-8	11/16/2015	16.53	9.58	6.95
MBCMW-8	12/14/2015	16.53	9.59	6.94
MBCMW-8	1/14/2016	16.53	8.05	8.48
MBCMW-8	2/16/2016	16.53	8.66	7.87
MBCMW-8	3/14/2016	16.53	7.36	9.17
MBCMW-8	4/25/2016	16.53	8.54	7.99
MBCMW-8	5/16/2016	16.53	8.89	7.64
MBCMW-8	6/17/2016	16.53	9.16	7.37
MBCMW-8	7/20/2016	16.53	9.46	7.07
MBCMW-8	8/20/2016	16.53	9.73	6.80
MBCMW-8	9/19/2016	16.53	9.99	6.54
MBCMW-8	10/21/2016	16.53	10.02	6.51
MBCMW-8	11/18/2016	16.53	10.11	6.42
MBCMW-8	12/19/2016	16.53	9.61	6.92
MBCMW-8	1/17/2017	16.53	7.03	9.50
MBCMW-8	2/24/2017	16.53	4.41	12.12
MBCMW-8	3/27/2017	16.53	6.13	10.40
MBCMW-8	4/17/2017	16.53	7.45	9.08
MBCMW-8	5/22/2017	16.53	7.89	8.64
MBCMW-8	6/20/2017	16.53	8.82	7.71
MBCMW-8	7/28/2017	16.53	9.57	6.96
MBCMW-8	8/25/2017	16.53	9.76	6.77
MBCMW-8	9/11/2017	16.53	10.03	6.50
MBCMW-8	10/16/2017	16.53	8.07	8.46
MBCMW-8	11/15/2017	16.53	7.84	8.69
MBCMW-8	12/11/2017	16.53	8.51	8.02
MBCMW-8	1/22/2018	16.53	8.25	8.28
MBCMW-8	2/14/2018	16.53	8.61	7.92
MBCMW-8	3/19/2018	16.53	7.51	9.02
MBCMW-8	4/23/2018	16.53	7.51	9.02
MBCMW-8	5/10/2018	16.53	7.89	8.64
MBCMW-8	6/19/2018	16.53	8.40	8.13
MBCMW-9	8/24/2015	17.71	8.70	9.01
MBCMW-9	9/21/2015	17.71	8.83	8.88
MBCMW-9	10/20/2015	17.71	9.00	8.71
MBCMW-9	11/16/2015	17.71	9.09	8.62
MBCMW-9	12/14/2015	17.71	9.09	8.62
MBCMW-9	1/14/2016	17.71	8.30	9.41
MBCMW-9	2/16/2016	17.71	8.06	9.65
MBCMW-9	3/14/2016	17.71	7.83	9.88
MBCMW-9	4/25/2016	17.71	8.21	9.50
MBCMW-9	5/16/2016	17.71	8.40	9.31
MBCMW-9	6/17/2016	17.71	8.64	9.07
MBCMW-9	7/20/2016	17.71	8.78	8.93
MBCMW-9	8/20/2016	17.71	8.80	8.91
MBCMW-9	9/19/2016	17.71	8.80	8.91
MBCMW-9	10/21/2016	17.71	9.29	8.42
MBCMW-9	11/18/2016	17.71	9.15	8.56
MBCMW-9	12/19/2016	17.71	8.75	8.96
MBCMW-9	1/17/2017	17.71	8.06	9.65
MBCMW-9	2/24/2017	17.71	5.11	12.60
MBCMW-9	3/27/2017	17.71	5.44	12.27
MBCMW-9	4/17/2017	17.71	5.99	11.72
MBCMW-9	5/22/2017	17.71	6.28	11.43
MBCMW-9	6/20/2017	17.71	6.76	10.95
MBCMW-9	7/28/2017	17.71	7.98	9.73
MBCMW-9	8/25/2017	17.71	8.31	9.40
MBCMW-9	9/11/2017	17.71	8.67	9.04
MBCMW-9	10/16/2017	17.71	7.83	9.88
MBCMW-9	11/15/2017	17.71	7.50	10.21
MBCMW-9	12/11/2017	17.71	7.73	9.98
MBCMW-9	1/22/2018	17.71	7.39	10.32
MBCMW-9	2/14/2018	17.71	9.03	8.68
MBCMW-9	3/19/2018	17.71	7.08	10.63
MBCMW-9	4/23/2018	17.71	9.20	8.51
MBCMW-9	5/10/2018	17.71	6.79	10.92
MBCMW-9	6/19/2018	17.71	7.70	10.01

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
MBCMW-10	8/24/2015	17.74	8.63	9.11
MBCMW-10	9/21/2015	17.74	8.20	9.54
MBCMW-10	10/20/2015	17.74	8.40	9.34
MBCMW-10	11/16/2015	17.74	8.35	9.39
MBCMW-10	12/14/2015	17.74	7.34	10.40
MBCMW-10	1/14/2016	17.74	8.82	8.92
MBCMW-10	2/16/2016	17.74	9.34	8.40
MBCMW-10	3/14/2016	17.74	8.97	8.77
MBCMW-10	4/25/2016	17.74	9.22	8.52
MBCMW-10	5/16/2016	17.74	8.75	8.99
MBCMW-10	6/17/2016	17.74	8.58	9.16
MBCMW-10	7/20/2016	17.74	9.29	8.45
MBCMW-10	8/20/2016	17.74	9.52	8.22
MBCMW-10	9/19/2016	17.74	9.85	7.89
MBCMW-10	10/21/2016	17.74	9.67	8.07
MBCMW-10	11/18/2016	17.74	8.31	9.43
MBCMW-10	12/19/2016	17.74	8.97	8.77
MBCMW-10	1/17/2017	17.74	8.67	9.07
MBCMW-10	2/24/2017	17.74	8.55	9.19
MBCMW-10	3/27/2017	17.74	10.12	7.62
MBCMW-10	4/17/2017	17.74	9.43	8.31
MBCMW-10	5/22/2017	17.74	10.07	7.67
MBCMW-10	6/20/2017	17.74	8.87	8.87
MBCMW-10	7/28/2017	17.74	8.84	8.90
MBCMW-10	8/25/2017	17.74	8.92	8.82
MBCMW-10	9/11/2017	17.74	8.41	9.33
MBCMW-10	10/16/2017	17.74	8.38	9.36
MBCMW-10	11/15/2017	17.74	8.36	9.38
MBCMW-10	12/11/2017	17.74	9.70	8.04
MBCMW-10	1/22/2018	17.74	9.10	8.64
MBCMW-10	2/14/2018	17.74	7.70	10.04
MBCMW-10	3/19/2018	17.74	8.61	9.13
MBCMW-10	4/23/2018	17.74	6.79	10.95
MBCMW-10	5/10/2018	17.74	8.29	9.45
MBCMW-10	6/19/2018	17.74	8.34	9.40
MCWP-MW04S	8/24/2015	15.29	7.55	7.74
MCWP-MW04S	9/21/2015	15.29	7.67	7.62
MCWP-MW04S	10/20/2015	15.29	7.85	7.44
MCWP-MW04S	11/16/2015	15.29	7.99	7.30
MCWP-MW04S	12/14/2015	15.29	8.06	7.23
MCWP-MW04S	1/14/2016	15.29	6.48	8.81
MCWP-MW04S	2/16/2016	15.29	7.08	8.21
MCWP-MW04S	3/14/2016	15.29	5.92	9.37
MCWP-MW04S	4/25/2016	15.29	7.10	8.19
MCWP-MW04S	5/16/2016	15.29	7.36	7.93
MCWP-MW04S	6/17/2016	15.29	7.64	7.65
MCWP-MW04S	7/20/2016	15.29	7.95	7.34
MCWP-MW04S	8/20/2016	15.29	8.18	7.11
MCWP-MW04S	9/19/2016	15.29	8.35	6.94
MCWP-MW04S	10/21/2016	15.29	8.88	6.41
MCWP-MW04S	11/18/2016	15.29	8.40	6.89
MCWP-MW04S	12/19/2016	15.29	8.67	6.62
MCWP-MW04S	1/17/2017	15.29	6.62	8.67
MCWP-MW04S	2/24/2017	15.29	3.34	11.95
MCWP-MW04S	3/27/2017	15.29	5.20	10.09
MCWP-MW04S	4/17/2017	15.29	6.19	9.10
MCWP-MW04S	5/22/2017	15.29	6.73	8.56
MCWP-MW04S	6/20/2017	15.29	7.41	7.88
MCWP-MW04S	7/28/2017	15.29	7.91	7.38
MCWP-MW04S	8/25/2017	15.29	8.08	7.21
MCWP-MW04S	9/11/2017	15.29	7.87	7.42
MCWP-MW04S	10/16/2017	15.29	6.74	8.55
MCWP-MW04S	11/15/2017	15.29	6.71	8.58
MCWP-MW04S	12/11/2017	15.29	7.15	8.14
MCWP-MW04S	1/22/2018	15.29	6.86	8.43
MCWP-MW04S	2/14/2018	15.29	7.32	7.97
MCWP-MW04S	3/19/2018	15.29	6.05	9.24
MCWP-MW04S	4/23/2018	15.29	6.05	9.24
MCWP-MW04S	5/10/2018	15.29	6.20	9.09
MCWP-MW04S	6/19/2018	15.29	6.95	8.34

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
MCWP-MW07S	8/24/2015	13.72	6.76	6.96
MCWP-MW07S	9/21/2015	13.72	7.13	6.59
MCWP-MW07S	10/20/2015	13.72	6.44	7.28
MCWP-MW07S	11/16/2015	13.72	6.74	6.98
MCWP-MW07S	12/14/2015	13.72	6.56	7.16
MCWP-MW07S	1/14/2016	13.72	6.19	7.53
MCWP-MW07S	2/16/2016	13.72	6.75	6.97
MCWP-MW07S	3/14/2016	13.72	5.85	7.87
MCWP-MW07S	4/25/2016	13.72	6.49	7.23
MCWP-MW07S	5/16/2016	13.72	6.73	6.99
MCWP-MW07S	6/17/2016	13.72	N/A	-
MCWP-MW07S	7/20/2016	13.72	6.18	7.54
MCWP-MW07S	8/20/2016	13.72	6.25	7.47
MCWP-MW07S	9/19/2016	13.72	6.48	7.24
MCWP-MW07S	10/21/2016	13.72	6.61	7.11
MCWP-MW07S	11/18/2016	13.72	6.70	7.02
MCWP-MW07S	12/19/2016	13.72	6.67	7.05
MCWP-MW07S	1/17/2017	13.72	6.11	7.61
MCWP-MW07S	2/24/2017	13.72	N/A	-
MCWP-MW07S	3/27/2017	13.72	N/A	-
MCWP-MW07S	4/17/2017	13.72	N/A	-
MCWP-MW07S	5/22/2017	13.72	N/A	-
MCWP-MW07S	6/20/2017	13.72	N/A	-
MCWP-MW07S	7/28/2017	13.72	5.79	7.93
MCWP-MW07S	8/25/2017	13.72	6.09	7.63
MCWP-MW07S	9/11/2017	13.72	6.02	7.70
MCWP-MW07S	10/16/2017	13.72	6.04	7.68
MCWP-MW07S	11/15/2017	13.72	6.50	7.22
MCWP-MW07S	12/11/2017	13.72	5.73	7.99
MCWP-MW07S	1/22/2018	13.72	5.92	7.80
MCWP-MW07S	2/14/2018	13.72	6.23	7.49
MCWP-MW07S	3/19/2018	13.72	6.05	7.67
MCWP-MW07S	4/23/2018	13.72	6.15	7.57
MCWP-MW07S	5/10/2018	13.72	6.23	7.49
MCWP-MW07S	6/19/2018	13.72	5.78	7.94
MCWP-MW08	8/24/2015	12.21	7.64	4.57
MCWP-MW08	9/21/2015	12.21	7.42	4.79
MCWP-MW08	10/20/2015	12.21	7.61	4.60
MCWP-MW08	11/16/2015	12.21	7.40	4.81
MCWP-MW08	12/14/2015	12.21	6.62	5.59
MCWP-MW08	1/14/2016	12.21	8.46	3.75
MCWP-MW08	2/16/2016	12.21	8.27	3.94
MCWP-MW08	3/14/2016	12.21	7.96	4.25
MCWP-MW08	4/25/2016	12.21	7.83	4.38
MCWP-MW08	5/16/2016	12.21	6.87	5.34
MCWP-MW08	6/17/2016	12.21	6.97	5.24
MCWP-MW08	7/20/2016	12.21	7.76	4.45
MCWP-MW08	8/20/2016	12.21	7.77	4.44
MCWP-MW08	9/19/2016	12.21	7.74	4.47
MCWP-MW08	10/21/2016	12.21	8.00	4.21
MCWP-MW08	11/18/2016	12.21	7.27	4.94
MCWP-MW08	12/19/2016	12.21	8.57	3.64
MCWP-MW08	1/17/2017	12.21	8.00	4.21
MCWP-MW08	2/24/2017	12.21	8.77	3.44
MCWP-MW08	3/27/2017	12.21	8.81	3.40
MCWP-MW08	4/17/2017	12.21	8.74	3.47
MCWP-MW08	5/22/2017	12.21	9.04	3.17
MCWP-MW08	6/20/2017	12.21	7.47	4.74
MCWP-MW08	7/28/2017	12.21	7.21	5.00
MCWP-MW08	8/25/2017	12.21	7.40	4.81
MCWP-MW08	9/11/2017	12.21	7.68	4.53
MCWP-MW08	10/16/2017	12.21	7.72	4.49
MCWP-MW08	11/15/2017	12.21	7.78	4.43
MCWP-MW08	12/11/2017	12.21	9.02	3.19
MCWP-MW08	1/22/2018	12.21	8.73	3.48
MCWP-MW08	2/14/2018	12.21	7.85	4.36
MCWP-MW08	3/19/2018	12.21	8.34	3.87
MCWP-MW08	4/23/2018	12.21	8.47	3.74
MCWP-MW08	5/10/2018	12.21	7.61	4.60
MCWP-MW08	6/19/2018	12.21	7.03	5.18

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
MCWP-MW10	8/24/2015	11.11	5.70	5.41
MCWP-MW10	9/21/2015	11.11	5.55	5.56
MCWP-MW10	10/20/2015	11.11	5.81	5.30
MCWP-MW10	11/16/2015	11.11	5.74	5.37
MCWP-MW10	12/14/2015	11.11	4.59	6.52
MCWP-MW10	1/14/2016	11.11	8.09	3.02
MCWP-MW10	2/16/2016	11.11	7.98	3.13
MCWP-MW10	3/14/2016	11.11	8.04	3.07
MCWP-MW10	4/25/2016	11.11	7.07	4.04
MCWP-MW10	5/16/2016	11.11	5.63	5.48
MCWP-MW10	6/17/2016	11.11	5.73	5.38
MCWP-MW10	7/20/2016	11.11	6.02	5.09
MCWP-MW10	8/20/2016	11.11	6.34	4.77
MCWP-MW10	9/19/2016	11.11	6.70	4.41
MCWP-MW10	10/21/2016	11.11	6.61	4.50
MCWP-MW10	11/18/2016	11.11	5.57	5.54
MCWP-MW10	12/19/2016	11.11	N/A	-
MCWP-MW10	1/17/2017	11.11	8.11	3.00
MCWP-MW10	2/24/2017	11.11	8.45	2.66
MCWP-MW10	3/27/2017	11.11	8.70	2.41
MCWP-MW10	4/17/2017	11.11	8.58	2.53
MCWP-MW10	5/22/2017	11.11	8.26	2.85
MCWP-MW10	6/20/2017	11.11	5.70	5.41
MCWP-MW10	7/28/2017	11.11	5.43	5.68
MCWP-MW10	8/25/2017	11.11	5.64	5.47
MCWP-MW10	9/11/2017	11.11	6.10	5.01
MCWP-MW10	10/16/2017	11.11	5.88	5.23
MCWP-MW10	11/15/2017	11.11	5.83	5.28
MCWP-MW10	12/11/2017	11.11	8.23	2.88
MCWP-MW10	1/22/2018	11.11	7.99	3.12
MCWP-MW10	2/14/2018	11.11	7.73	3.38
MCWP-MW10	3/19/2018	11.11	8.12	2.99
MCWP-MW10	4/23/2018	11.11	7.25	3.86
MCWP-MW10	5/10/2018	11.11	5.86	5.25
MCWP-MW10	6/19/2018	11.11	4.91	6.20
P-4	8/24/2015	12.16	4.58	7.58
P-4	9/21/2015	12.16	4.47	7.69
P-4	10/20/2015	12.16	4.71	7.45
P-4	11/16/2015	12.16	4.65	7.51
P-4	12/14/2015	12.16	3.52	8.64
P-4	1/14/2016	12.16	6.93	5.23
P-4	2/16/2016	12.16	6.88	5.28
P-4	3/14/2016	12.16	6.92	5.24
P-4	4/25/2016	12.16	6.00	6.16
P-4	5/16/2016	12.16	4.57	7.59
P-4	6/17/2016	12.16	4.68	7.48
P-4	7/20/2016	12.16	4.95	7.21
P-4	8/20/2016	12.16	5.27	6.89
P-4	9/19/2016	12.16	5.63	6.53
P-4	10/21/2016	12.16	5.55	6.61
P-4	11/18/2016	12.16	4.51	7.65
P-4	12/19/2016	12.16	7.17	4.99
P-4	1/17/2017	12.16	6.98	5.18
P-4	2/24/2017	12.16	7.12	5.04
P-4	3/27/2017	12.16	7.71	4.45
P-4	4/17/2017	12.16	7.48	4.68
P-4	5/22/2017	12.16	7.22	4.94
P-4	6/20/2017	12.16	4.72	7.44
P-4	7/28/2017	12.16	4.35	7.81
P-4	8/25/2017	12.16	4.61	7.55
P-4	9/11/2017	12.16	4.94	7.22
P-4	10/16/2017	12.16	4.75	7.41
P-4	11/15/2017	12.16	4.74	7.42
P-4	12/11/2017	12.16	7.53	4.63
P-4	1/22/2018	12.16	6.84	5.32
P-4	2/14/2018	12.16	7.22	4.94
P-4	3/19/2018	12.16	6.95	5.21
P-4	4/23/2018	12.16	6.15	6.01
P-4	5/10/2018	12.16	4.75	7.41
P-4	6/19/2018	12.16	3.85	8.31

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
P-9	8/24/2015	12.17	5.07	7.10
P-9	9/21/2015	12.17	4.90	7.27
P-9	10/20/2015	12.17	5.18	6.99
P-9	11/16/2015	12.17	5.08	7.09
P-9	12/14/2015	12.17	3.92	8.25
P-9	1/14/2016	12.17	7.49	4.68
P-9	2/16/2016	12.17	7.53	4.64
P-9	3/14/2016	12.17	7.66	4.51
P-9	4/25/2016	12.17	6.49	5.68
P-9	5/16/2016	12.17	5.02	7.15
P-9	6/17/2016	12.17	5.09	7.08
P-9	7/20/2016	12.17	5.34	6.83
P-9	8/20/2016	12.17	5.70	6.47
P-9	9/19/2016	12.17	6.06	6.11
P-9	10/21/2016	12.17	6.01	6.16
P-9	11/18/2016	12.17	4.91	7.26
P-9	12/19/2016	12.17	7.81	4.36
P-9	1/17/2017	12.17	7.68	4.49
P-9	2/24/2017	12.17	7.82	4.35
P-9	3/27/2017	12.17	8.00	4.17
P-9	4/17/2017	12.17	8.16	4.01
P-9	5/22/2017	12.17	7.59	4.58
P-9	6/20/2017	12.17	5.03	7.14
P-9	7/28/2017	12.17	4.77	7.40
P-9	8/25/2017	12.17	4.95	7.22
P-9	9/11/2017	12.17	5.37	6.80
P-9	10/16/2017	12.17	5.24	6.93
P-9	11/15/2017	12.17	5.20	6.97
P-9	12/11/2017	12.17	8.26	3.91
P-9	1/22/2018	12.17	7.44	4.73
P-9	2/14/2018	12.17	7.15	5.02
P-9	3/19/2018	12.17	7.53	4.64
P-9	4/23/2018	12.17	6.60	5.57
P-9	5/10/2018	12.17	5.15	7.02
P-9	6/19/2018	12.17	4.23	7.94
SMBRP-2	8/24/2015	13.13	6.04	7.09
SMBRP-2	9/21/2015	13.13	5.91	7.22
SMBRP-2	10/20/2015	13.13	6.16	6.97
SMBRP-2	11/16/2015	13.13	6.09	7.04
SMBRP-2	12/14/2015	13.13	4.84	8.29
SMBRP-2	1/14/2016	13.13	8.80	4.33
SMBRP-2	2/16/2016	13.13	8.54	4.59
SMBRP-2	3/14/2016	13.13	8.58	4.55
SMBRP-2	4/25/2016	13.13	7.59	5.54
SMBRP-2	5/16/2016	13.13	6.07	7.06
SMBRP-2	6/17/2016	13.13	6.14	6.99
SMBRP-2	7/20/2016	13.13	6.36	6.77
SMBRP-2	8/20/2016	13.13	6.73	6.40
SMBRP-2	9/19/2016	13.13	7.11	6.02
SMBRP-2	10/21/2016	13.13	6.98	6.15
SMBRP-2	11/18/2016	13.13	5.94	7.19
SMBRP-2	12/19/2016	13.13	8.87	4.26
SMBRP-2	1/17/2017	13.13	8.64	4.49
SMBRP-2	2/24/2017	13.13	8.94	4.19
SMBRP-2	3/27/2017	13.13	9.25	3.88
SMBRP-2	4/17/2017	13.13	9.15	3.98
SMBRP-2	5/22/2017	13.13	8.68	4.45
SMBRP-2	6/20/2017	13.13	5.78	7.35
SMBRP-2	7/28/2017	13.13	5.58	7.55
SMBRP-2	8/25/2017	13.13	5.74	7.39
SMBRP-2	9/11/2017	13.13	6.17	6.96
SMBRP-2	10/16/2017	13.13	6.22	6.91
SMBRP-2	11/15/2017	13.13	6.13	7.00
SMBRP-2	12/11/2017	13.13	9.22	3.91
SMBRP-2	1/22/2018	13.13	8.53	4.60
SMBRP-2	2/14/2018	13.13	8.60	4.53
SMBRP-2	3/19/2018	13.13	8.70	4.43
SMBRP-2	4/23/2018	13.13	7.78	5.35
SMBRP-2	5/10/2018	13.13	6.18	6.95
SMBRP-2	6/19/2018	13.13	5.21	7.92

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
SMBRP-6	8/24/2015	26.88	16.49	10.39
SMBRP-6	9/21/2015	26.88	15.95	10.93
SMBRP-6	10/20/2015	26.88	16.66	10.22
SMBRP-6	11/16/2015	26.88	16.47	10.41
SMBRP-6	12/14/2015	26.88	14.78	12.10
SMBRP-6	1/14/2016	26.88	14.68	12.20
SMBRP-6	2/16/2016	26.88	15.22	11.66
SMBRP-6	3/14/2016	26.88	14.43	12.45
SMBRP-6	4/25/2016	26.88	16.60	10.28
SMBRP-6	5/16/2016	26.88	16.81	10.07
SMBRP-6	6/17/2016	26.88	17.87	9.01
SMBRP-6	7/20/2016	26.88	18.52	8.36
SMBRP-6	8/20/2016	26.88	19.01	7.87
SMBRP-6	9/19/2016	26.88	19.61	7.27
SMBRP-6	10/21/2016	26.88	18.13	8.75
SMBRP-6	11/18/2016	26.88	16.12	10.76
SMBRP-6	12/19/2016	26.88	14.46	12.42
SMBRP-6	1/17/2017	26.88	14.14	12.74
SMBRP-6	2/24/2017	26.88	13.14	13.74
SMBRP-6	3/27/2017	26.88	15.01	11.87
SMBRP-6	4/17/2017	26.88	14.79	12.09
SMBRP-6	5/22/2017	26.88	15.44	11.44
SMBRP-6	6/20/2017	26.88	15.87	11.01
SMBRP-6	7/28/2017	26.88	16.32	10.56
SMBRP-6	8/25/2017	26.88	16.39	10.49
SMBRP-6	9/11/2017	26.88	16.48	10.40
SMBRP-6	10/16/2017	26.88	16.27	10.61
SMBRP-6	11/15/2017	26.88	16.40	10.48
SMBRP-6	12/11/2017	26.88	16.40	10.48
SMBRP-6	1/22/2018	26.88	14.78	12.10
SMBRP-6	2/14/2018	26.88	14.89	11.99
SMBRP-6	3/19/2018	26.88	14.32	12.56
SMBRP-6	4/23/2018	26.88	15.10	11.78
SMBRP-6	5/10/2018	26.88	15.21	11.67
SMBRP-6	6/19/2018	26.88	16.15	10.73
SMBRP-7B	8/24/2015	18.99	10.69	8.30
SMBRP-7B	9/21/2015	18.99	10.62	8.37
SMBRP-7B	10/20/2015	18.99	10.77	8.22
SMBRP-7B	11/16/2015	18.99	10.78	8.21
SMBRP-7B	12/14/2015	18.99	10.60	8.39
SMBRP-7B	1/14/2016	18.99	10.83	8.16
SMBRP-7B	2/16/2016	18.99	11.08	7.91
SMBRP-7B	3/14/2016	18.99	10.84	8.15
SMBRP-7B	4/25/2016	18.99	11.23	7.76
SMBRP-7B	5/16/2016	18.99	11.04	7.95
SMBRP-7B	6/17/2016	18.99	11.08	7.91
SMBRP-7B	7/20/2016	18.99	11.31	7.68
SMBRP-7B	8/20/2016	18.99	11.54	7.45
SMBRP-7B	9/19/2016	18.99	11.68	7.31
SMBRP-7B	10/21/2016	18.99	11.81	7.18
SMBRP-7B	11/18/2016	18.99	11.49	7.50
SMBRP-7B	12/19/2016	18.99	11.33	7.66
SMBRP-7B	1/17/2017	18.99	10.18	8.81
SMBRP-7B	2/24/2017	18.99	8.13	10.86
SMBRP-7B	3/27/2017	18.99	9.68	9.31
SMBRP-7B	4/17/2017	18.99	9.90	9.09
SMBRP-7B	5/22/2017	18.99	10.51	8.48
SMBRP-7B	6/20/2017	18.99	10.71	8.28
SMBRP-7B	7/28/2017	18.99	10.99	8.00
SMBRP-7B	8/25/2017	18.99	11.66	7.33
SMBRP-7B	9/11/2017	18.99	11.86	7.13
SMBRP-7B	10/16/2017	18.99	11.12	7.87
SMBRP-7B	11/15/2017	18.99	10.77	8.22
SMBRP-7B	12/11/2017	18.99	11.11	7.88
SMBRP-7B	1/22/2018	18.99	11.18	7.81
SMBRP-7B	2/14/2018	18.99	11.19	7.80
SMBRP-7B	3/19/2018	18.99	10.75	8.24
SMBRP-7B	4/23/2018	18.99	10.81	8.18
SMBRP-7B	5/10/2018	18.99	10.53	8.46
SMBRP-7B	6/19/2018	18.99	10.36	8.63

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
SMBRP-8 (EC-RC-MW01)	8/24/2015	48.69	28.74	19.95
SMBRP-8 (EC-RC-MW01)	9/21/2015	48.69	29.02	19.67
SMBRP-8 (EC-RC-MW01)	10/20/2015	48.69	28.76	19.93
SMBRP-8 (EC-RC-MW01)	11/16/2015	48.69	29.38	19.31
SMBRP-8 (EC-RC-MW01)	12/14/2015	48.69	29.32	19.37
SMBRP-8 (EC-RC-MW01)	1/14/2016	48.69	28.93	19.76
SMBRP-8 (EC-RC-MW01)	2/16/2016	48.69	29.18	19.51
SMBRP-8 (EC-RC-MW01)	3/14/2016	48.69	28.76	19.93
SMBRP-8 (EC-RC-MW01)	4/25/2016	48.69	29.40	19.29
SMBRP-8 (EC-RC-MW01)	5/16/2016	48.69	29.18	19.51
SMBRP-8 (EC-RC-MW01)	6/17/2016	48.69	29.38	19.31
SMBRP-8 (EC-RC-MW01)	7/20/2016	48.69	29.73	18.96
SMBRP-8 (EC-RC-MW01)	8/20/2016	48.69	30.02	18.67
SMBRP-8 (EC-RC-MW01)	9/19/2016	48.69	30.64	18.05
SMBRP-8 (EC-RC-MW01)	10/21/2016	48.69	31.02	17.67
SMBRP-8 (EC-RC-MW01)	11/18/2016	48.69	31.16	17.53
SMBRP-8 (EC-RC-MW01)	12/19/2016	48.69	30.83	17.86
SMBRP-8 (EC-RC-MW01)	1/17/2017	48.69	29.49	19.20
SMBRP-8 (EC-RC-MW01)	2/24/2017	48.69	26.78	21.91
SMBRP-8 (EC-RC-MW01)	3/27/2017	48.69	25.21	23.48
SMBRP-8 (EC-RC-MW01)	4/17/2017	48.69	24.34	24.35
SMBRP-8 (EC-RC-MW01)	5/22/2017	48.69	23.31	25.38
SMBRP-8 (EC-RC-MW01)	6/20/2017	48.69	23.54	25.15
SMBRP-8 (EC-RC-MW01)	7/28/2017	48.69	24.25	24.44
SMBRP-8 (EC-RC-MW01)	8/25/2017	48.69	24.98	23.71
SMBRP-8 (EC-RC-MW01)	9/11/2017	48.69	25.30	23.39
SMBRP-8 (EC-RC-MW01)	10/16/2017	48.69	26.10	22.59
SMBRP-8 (EC-RC-MW01)	11/15/2017	48.69	26.56	22.13
SMBRP-8 (EC-RC-MW01)	12/11/2017	48.69	27.02	21.67
SMBRP-8 (EC-RC-MW01)	1/22/2018	48.69	27.44	21.25
SMBRP-8 (EC-RC-MW01)	2/14/2018	48.69	27.52	21.17
SMBRP-8 (EC-RC-MW01)	3/19/2018	48.69	27.34	21.35
SMBRP-8 (EC-RC-MW01)	4/23/2018	48.69	26.68	22.01
SMBRP-8 (EC-RC-MW01)	5/10/2018	48.69	27.02	21.67
SMBRP-8 (EC-RC-MW01)	6/19/2018	48.69	27.58	21.11
SMBRP-9	8/24/2015	50.32	38.24	12.08
SMBRP-9	9/21/2015	50.32	38.46	11.86
SMBRP-9	10/20/2015	50.32	38.62	11.70
SMBRP-9	11/16/2015	50.32	N/A	-
SMBRP-9	12/14/2015	50.32	38.86	11.46
SMBRP-9	1/14/2016	50.32	38.95	11.37
SMBRP-9	2/16/2016	50.32	39.03	11.29
SMBRP-9	3/14/2016	50.32	38.97	11.35
SMBRP-9	4/25/2016	50.32	38.82	11.50
SMBRP-9	5/16/2016	50.32	38.82	11.50
SMBRP-9	6/17/2016	50.32	38.86	11.46
SMBRP-9	7/20/2016	50.32	39.06	11.26
SMBRP-9	8/20/2016	50.32	39.17	11.15
SMBRP-9	9/19/2016	50.32	39.33	10.99
SMBRP-9	10/21/2016	50.32	39.55	10.77
SMBRP-9	11/18/2016	50.32	39.67	10.65
SMBRP-9	12/19/2016	50.32	39.79	10.53
SMBRP-9	1/17/2017	50.32	39.82	10.50
SMBRP-9	2/24/2017	50.32	38.75	11.57
SMBRP-9	3/27/2017	50.32	37.59	12.73
SMBRP-9	4/17/2017	50.32	36.88	13.44
SMBRP-9	5/22/2017	50.32	35.82	14.50
SMBRP-9	6/20/2017	50.32	35.41	14.91
SMBRP-9	7/28/2017	50.32	35.13	15.19
SMBRP-9	8/25/2017	50.32	35.18	15.14
SMBRP-9	9/11/2017	50.32	35.48	14.84
SMBRP-9	10/16/2017	50.32	35.86	14.46
SMBRP-9	11/15/2017	50.32	36.24	14.08
SMBRP-9	12/11/2017	50.32	36.48	13.84
SMBRP-9	1/22/2018	50.32	36.94	13.38
SMBRP-9	2/14/2018	50.32	37.01	13.31
SMBRP-9	3/19/2018	50.32	36.88	13.44
SMBRP-9	4/23/2018	50.32	36.37	13.95
SMBRP-9	5/10/2018	50.32	36.65	13.67
SMBRP-9	6/19/2018	50.32	36.60	13.72

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
SMBRP-10C	8/24/2015	16.25	7.37	8.88
SMBRP-10C	9/21/2015	16.25	7.64	8.61
SMBRP-10C	10/20/2015	16.25	7.96	8.29
SMBRP-10C	11/16/2015	16.25	8.16	8.09
SMBRP-10C	12/14/2015	16.25	8.06	8.19
SMBRP-10C	1/14/2016	16.25	6.11	10.14
SMBRP-10C	2/16/2016	16.25	6.57	9.68
SMBRP-10C	3/14/2016	16.25	4.80	11.45
SMBRP-10C	4/25/2016	16.25	6.59	9.66
SMBRP-10C	5/16/2016	16.25	6.86	9.39
SMBRP-10C	6/17/2016	16.25	6.90	9.35
SMBRP-10C	7/20/2016	16.25	7.72	8.53
SMBRP-10C	8/20/2016	16.25	8.12	8.13
SMBRP-10C	9/19/2016	16.25	8.54	7.71
SMBRP-10C	10/21/2016	16.25	8.78	7.47
SMBRP-10C	11/18/2016	16.25	8.89	7.36
SMBRP-10C	12/19/2016	16.25	7.95	8.30
SMBRP-10C	1/17/2017	16.25	2.72	13.53
SMBRP-10C	2/24/2017	16.25	0.99	15.26
SMBRP-10C	3/27/2017	16.25	2.06	14.19
SMBRP-10C	4/17/2017	16.25	3.97	12.28
SMBRP-10C	5/22/2017	16.25	5.52	10.73
SMBRP-10C	6/20/2017	16.25	6.22	10.03
SMBRP-10C	7/28/2017	16.25	6.89	9.36
SMBRP-10C	8/25/2017	16.25	7.28	8.97
SMBRP-10C	9/11/2017	16.25	7.51	8.74
SMBRP-10C	10/16/2017	16.25	7.37	8.88
SMBRP-10C	11/15/2017	16.25	7.38	8.87
SMBRP-10C	12/11/2017	16.25	7.43	8.82
SMBRP-10C	1/22/2018	16.25	6.82	9.43
SMBRP-10C	2/14/2018	16.25	6.95	9.30
SMBRP-10C	3/19/2018	16.25	5.71	10.54
SMBRP-10C	4/23/2018	16.25	5.91	10.34
SMBRP-10C	5/10/2018	16.25	6.07	10.18
SMBRP-10C	6/19/2018	16.25	6.68	9.57
SMBRP-12	8/24/2015	12.62	7.52	5.10
SMBRP-12	9/21/2015	12.62	6.91	5.71
SMBRP-12	10/20/2015	12.62	6.72	5.90
SMBRP-12	11/16/2015	12.62	6.75	5.87
SMBRP-12	12/14/2015	12.62	6.42	6.20
SMBRP-12	1/14/2016	12.62	6.95	5.67
SMBRP-12	2/16/2016	12.62	6.85	5.77
SMBRP-12	3/14/2016	12.62	6.09	6.53
SMBRP-12	4/25/2016	12.62	6.76	5.86
SMBRP-12	5/16/2016	12.62	6.40	6.22
SMBRP-12	6/17/2016	12.62	5.39	7.23
SMBRP-12	7/20/2016	12.62	6.05	6.57
SMBRP-12	8/20/2016	12.62	6.85	5.77
SMBRP-12	9/19/2016	12.62	6.44	6.18
SMBRP-12	10/21/2016	12.62	8.09	4.53
SMBRP-12	11/18/2016	12.62	6.52	6.10
SMBRP-12	12/19/2016	12.62	7.16	5.46
SMBRP-12	1/17/2017	12.62	6.48	6.14
SMBRP-12	2/24/2017	12.62	7.61	5.01
SMBRP-12	3/27/2017	12.62	6.96	5.66
SMBRP-12	4/17/2017	12.62	7.29	5.33
SMBRP-12	5/22/2017	12.62	7.63	4.99
SMBRP-12	6/20/2017	12.62	7.19	5.43
SMBRP-12	7/28/2017	12.62	6.68	5.94
SMBRP-12	8/25/2017	12.62	6.76	5.86
SMBRP-12	9/11/2017	12.62	7.02	5.60
SMBRP-12	10/16/2017	12.62	6.88	5.74
SMBRP-12	11/15/2017	12.62	7.08	5.54
SMBRP-12	12/11/2017	12.62	7.17	5.45
SMBRP-12	1/22/2018	12.62	7.17	5.45
SMBRP-12	2/14/2018	12.62	6.36	6.26
SMBRP-12	3/19/2018	12.62	6.32	6.30
SMBRP-12	4/23/2018	12.62	8.01	4.61
SMBRP-12	5/10/2018	12.62	8.05	4.57
SMBRP-12	6/19/2018	12.62	7.26	5.36

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
SMBRP-13	8/24/2015	13.58	8.32	5.26
SMBRP-13	9/21/2015	13.58	7.98	5.60
SMBRP-13	10/20/2015	13.58	8.20	5.38
SMBRP-13	11/16/2015	13.58	7.87	5.71
SMBRP-13	12/14/2015	13.58	6.85	6.73
SMBRP-13	1/14/2016	13.58	8.24	5.34
SMBRP-13	2/16/2016	13.58	8.00	5.58
SMBRP-13	3/14/2016	13.58	7.61	5.97
SMBRP-13	4/25/2016	13.58	7.66	5.92
SMBRP-13	5/16/2016	13.58	6.92	6.66
SMBRP-13	6/17/2016	13.58	7.52	6.06
SMBRP-13	7/20/2016	13.58	8.30	5.28
SMBRP-13	8/20/2016	13.58	8.03	5.55
SMBRP-13	9/19/2016	13.58	7.45	6.13
SMBRP-13	10/21/2016	13.58	8.33	5.25
SMBRP-13	11/18/2016	13.58	7.14	6.44
SMBRP-13	12/19/2016	13.58	8.34	5.24
SMBRP-13	1/17/2017	13.58	7.48	6.10
SMBRP-13	2/24/2017	13.58	9.32	4.26
SMBRP-13	3/27/2017	13.58	7.83	5.75
SMBRP-13	4/17/2017	13.58	8.55	5.03
SMBRP-13	5/22/2017	13.58	8.81	4.77
SMBRP-13	6/20/2017	13.58	7.78	5.80
SMBRP-13	7/28/2017	13.58	8.01	5.57
SMBRP-13	8/25/2017	13.58	8.04	5.54
SMBRP-13	9/11/2017	13.58	8.42	5.16
SMBRP-13	10/16/2017	13.58	8.05	5.53
SMBRP-13	11/15/2017	13.58	8.20	5.38
SMBRP-13	12/11/2017	13.58	9.00	4.58
SMBRP-13	1/22/2018	13.58	8.46	5.12
SMBRP-13	2/14/2018	13.58	7.85	5.73
SMBRP-13	3/19/2018	13.58	8.53	5.05
SMBRP-13	4/23/2018	13.58	8.40	5.18
SMBRP-13	5/10/2018	13.58	8.09	5.49
SMBRP-13	6/19/2018	13.58	8.00	5.58
SMBRP-15B	8/24/2015	16.77	dry	-
SMBRP-15B	9/21/2015	16.77	dry	-
SMBRP-15B	10/20/2015	16.77	dry	-
SMBRP-15B	11/16/2015	16.77	dry	-
SMBRP-15B	12/14/2015	16.77	dry	-
SMBRP-15B	1/14/2016	16.77	dry	-
SMBRP-15B	2/16/2016	16.77	dry	-
SMBRP-15B	3/14/2016	16.77	dry	-
SMBRP-15B	4/25/2016	16.77	dry	-
SMBRP-15B	5/16/2016	16.77	dry	-
SMBRP-15B	6/17/2016	16.77	dry	-
SMBRP-15B	7/20/2016	16.77	dry	-
SMBRP-15B	8/20/2016	16.77	dry	-
SMBRP-15B	9/19/2016	16.77	dry	-
SMBRP-15B	10/21/2016	16.77	dry	-
SMBRP-15B	11/18/2016	16.77	dry	-
SMBRP-15B	12/19/2016	16.77	dry	-
SMBRP-15B	1/17/2017	16.77	dry	-
SMBRP-15B	2/24/2017	16.77	dry	-
SMBRP-15B	3/27/2017	16.77	dry	-
SMBRP-15B	4/17/2017	16.77	dry	-
SMBRP-15B	5/22/2017	16.77	dry	-
SMBRP-15B	6/20/2017	16.77	dry	-
SMBRP-15B	7/28/2017	16.77	dry	-
SMBRP-15B	8/25/2017	16.77	dry	-
SMBRP-15B	9/11/2017	16.77	dry	-
SMBRP-15B	10/16/2017	16.77	dry	-
SMBRP-15B	11/15/2017	16.77	dry	-
SMBRP-15B	12/11/2017	16.77	dry	-
SMBRP-15B	1/22/2018	16.77	dry	-
SMBRP-15B	2/14/2018	16.77	dry	-
SMBRP-15B	3/19/2018	16.77	dry	-
SMBRP-15B	4/23/2018	16.77	dry	-
SMBRP-15B	5/10/2018	16.77	dry	-
SMBRP-15B	6/19/2018	16.77	dry	-

Shallow Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
SMBRP-16	8/24/2015	14.50	4.95	9.55
SMBRP-16	9/21/2015	14.50	4.96	9.54
SMBRP-16	10/20/2015	14.50	5.34	9.16
SMBRP-16	11/16/2015	14.50	5.55	8.95
SMBRP-16	12/14/2015	14.50	5.59	8.91
SMBRP-16	1/14/2016	14.50	3.79	10.71
SMBRP-16	2/16/2016	14.50	4.60	9.90
SMBRP-16	3/14/2016	14.50	5.27	9.23
SMBRP-16	4/25/2016	14.50	4.65	9.85
SMBRP-16	5/16/2016	14.50	4.92	9.58
SMBRP-16	6/17/2016	14.50	5.15	9.35
SMBRP-16	7/20/2016	14.50	5.49	9.01
SMBRP-16	8/20/2016	14.50	5.72	8.78
SMBRP-16	9/19/2016	14.50	5.92	8.58
SMBRP-16	10/21/2016	14.50	6.18	8.32
SMBRP-16	11/18/2016	14.50	6.02	8.48
SMBRP-16	12/19/2016	14.50	5.23	9.27
SMBRP-16	1/17/2017	14.50	2.54	11.96
SMBRP-16	2/24/2017	14.50	0.51	13.99
SMBRP-16	3/27/2017	14.50	2.61	11.89
SMBRP-16	4/17/2017	14.50	4.28	10.22
SMBRP-16	5/22/2017	14.50	N/A	-
SMBRP-16	6/20/2017	14.50	N/A	-
SMBRP-16	7/28/2017	14.50	6.42	8.08
SMBRP-16	8/25/2017	14.50	6.63	7.87
SMBRP-16	9/11/2017	14.50	6.51	7.99
SMBRP-16	10/16/2017	14.50	4.84	9.66
SMBRP-16	11/15/2017	14.50	4.47	10.03
SMBRP-16	12/11/2017	14.50	4.80	9.70
SMBRP-16	1/22/2018	14.50	8.25	6.25
SMBRP-16	2/14/2018	14.50	4.83	9.67
SMBRP-16	3/19/2018	14.50	3.45	11.05
SMBRP-16	4/23/2018	14.50	3.72	10.78
SMBRP-16	5/10/2018	14.50	3.85	10.65
SMBRP-16	6/19/2018	14.50	4.46	10.04

Deep Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
MCWP-MW01	8/24/2015	17.90	10.22	7.68
MCWP-MW01	9/21/2015	17.90	9.71	8.19
MCWP-MW01	10/20/2015	17.90	10.00	7.90
MCWP-MW01	11/16/2015	17.90	9.91	7.99
MCWP-MW01	12/14/2015	17.90	9.23	8.67
MCWP-MW01	1/14/2016	17.90	10.45	7.45
MCWP-MW01	2/16/2016	17.90	11.02	6.88
MCWP-MW01	3/14/2016	17.90	10.53	7.37
MCWP-MW01	4/25/2016	17.90	10.89	7.01
MCWP-MW01	5/16/2016	17.90	10.70	7.20
MCWP-MW01	6/17/2016	17.90	10.75	7.15
MCWP-MW01	7/20/2016	17.90	11.09	6.81
MCWP-MW01	8/20/2016	17.90	11.30	6.60
MCWP-MW01	9/19/2016	17.90	11.13	6.77
MCWP-MW01	10/21/2016	17.90	11.19	6.71
MCWP-MW01	11/18/2016	17.90	9.94	7.96
MCWP-MW01	12/19/2016	17.90	10.56	7.34
MCWP-MW01	1/17/2017	17.90	10.17	7.73
MCWP-MW01	2/24/2017	17.90	10.68	7.22
MCWP-MW01	3/27/2017	17.90	11.47	6.43
MCWP-MW01	4/17/2017	17.90	11.33	6.57
MCWP-MW01	5/22/2017	17.90	11.83	6.07
MCWP-MW01	6/20/2017	17.90	10.47	7.43
MCWP-MW01	7/28/2017	17.90	10.45	7.45
MCWP-MW01	8/25/2017	17.90	10.29	7.61
MCWP-MW01	9/11/2017	17.90	10.60	7.30
MCWP-MW01	10/16/2017	17.90	10.06	7.84
MCWP-MW01	11/15/2017	17.90	9.99	7.91
MCWP-MW01	12/11/2017	17.90	11.57	6.33
MCWP-MW01	1/22/2018	17.90	10.70	7.20
MCWP-MW01	2/14/2018	17.90	10.49	7.41
MCWP-MW01	3/19/2018	17.90	10.33	7.57
MCWP-MW01	4/23/2018	17.90	11.19	6.71
MCWP-MW01	5/10/2018	17.90	10.26	7.64
MCWP-MW01	6/19/2018	17.90	10.31	7.59
MCWP-MW02	8/24/2015	18.06	10.39	7.67
MCWP-MW02	9/21/2015	18.06	9.92	8.14
MCWP-MW02	10/20/2015	18.06	10.25	7.81
MCWP-MW02	11/16/2015	18.06	10.16	7.90
MCWP-MW02	12/14/2015	18.06	9.14	8.92
MCWP-MW02	1/14/2016	18.06	10.68	7.38
MCWP-MW02	2/16/2016	18.06	11.13	6.93
MCWP-MW02	3/14/2016	18.06	10.72	7.34
MCWP-MW02	4/25/2016	18.06	11.08	6.98
MCWP-MW02	5/16/2016	18.06	10.55	7.51
MCWP-MW02	6/17/2016	18.06	10.82	7.24
MCWP-MW02	7/20/2016	18.06	11.10	6.96
MCWP-MW02	8/20/2016	18.06	11.35	6.71
MCWP-MW02	9/19/2016	18.06	11.59	6.47
MCWP-MW02	10/21/2016	18.06	11.41	6.65
MCWP-MW02	11/18/2016	18.06	10.16	7.90
MCWP-MW02	12/19/2016	18.06	10.82	7.24
MCWP-MW02	1/17/2017	18.06	10.44	7.62
MCWP-MW02	2/24/2017	18.06	10.68	7.38
MCWP-MW02	3/27/2017	18.06	11.96	6.10
MCWP-MW02	4/17/2017	18.06	11.35	6.71
MCWP-MW02	5/22/2017	18.06	12.03	6.03
MCWP-MW02	6/20/2017	18.06	10.74	7.32
MCWP-MW02	7/28/2017	18.06	10.56	7.50
MCWP-MW02	8/25/2017	18.06	10.62	7.44
MCWP-MW02	9/11/2017	18.06	10.79	7.27
MCWP-MW02	10/16/2017	18.06	10.28	7.78
MCWP-MW02	11/15/2017	18.06	10.49	7.57
MCWP-MW02	12/11/2017	18.06	8.65	9.41
MCWP-MW02	1/22/2018	18.06	10.95	7.11
MCWP-MW02	2/14/2018	18.06	10.71	7.35
MCWP-MW02	3/19/2018	18.06	10.64	7.42
MCWP-MW02	4/23/2018	18.06	11.09	6.97
MCWP-MW02	5/10/2018	18.06	10.16	7.90
MCWP-MW02	6/19/2018	18.06	10.18	7.88

Deep Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
MCWP-MW03	9/21/2015	15.31	7.52	7.79
MCWP-MW03	10/20/2015	15.31	7.78	7.53
MCWP-MW03	11/16/2015	15.31	7.34	7.97
MCWP-MW03	12/14/2015	15.31	6.75	8.56
MCWP-MW03	1/14/2016	15.31	8.38	6.93
MCWP-MW03	2/16/2016	15.31	8.43	6.88
MCWP-MW03	3/14/2016	15.31	8.05	7.26
MCWP-MW03	4/25/2016	15.31	8.63	6.68
MCWP-MW03	5/16/2016	15.31	8.35	6.96
MCWP-MW03	6/17/2016	15.31	8.50	6.81
MCWP-MW03	7/20/2016	15.31	8.30	7.01
MCWP-MW03	8/20/2016	15.31	8.87	6.44
MCWP-MW03	9/19/2016	15.31	8.23	7.08
MCWP-MW03	10/21/2016	15.31	8.94	6.37
MCWP-MW03	11/18/2016	15.31	7.64	7.67
MCWP-MW03	12/19/2016	15.31	8.09	7.22
MCWP-MW03	1/17/2017	15.31	7.63	7.68
MCWP-MW03	2/24/2017	15.31	N/A	-
MCWP-MW03	3/27/2017	15.31	N/A	-
MCWP-MW03	4/17/2017	15.31	N/A	-
MCWP-MW03	5/22/2017	15.31	N/A	-
MCWP-MW03	6/20/2017	15.31	N/A	-
MCWP-MW03	7/28/2017	15.31	8.02	7.29
MCWP-MW03	8/25/2017	15.31	7.58	7.73
MCWP-MW03	9/11/2017	15.31	7.92	7.39
MCWP-MW03	10/16/2017	15.31	7.39	7.92
MCWP-MW03	11/15/2017	15.31	7.70	7.61
MCWP-MW03	12/11/2017	15.31	9.25	6.06
MCWP-MW03	1/22/2018	15.31	8.14	7.17
MCWP-MW03	2/14/2018	15.31	8.47	6.84
MCWP-MW03	3/19/2018	15.31	8.12	7.19
MCWP-MW03	4/23/2018	15.31	9.21	6.10
MCWP-MW03	5/10/2018	15.31	8.10	7.21
MCWP-MW03	6/19/2018	15.31	8.48	6.83
MCWP-MW04D	8/24/2015	15.43	9.35	6.08
MCWP-MW04D	9/21/2015	15.43	8.84	6.59
MCWP-MW04D	10/20/2015	15.43	9.16	6.27
MCWP-MW04D	11/16/2015	15.43	9.13	6.30
MCWP-MW04D	12/14/2015	15.43	8.39	7.04
MCWP-MW04D	1/14/2016	15.43	9.59	5.84
MCWP-MW04D	2/16/2016	15.43	10.24	5.19
MCWP-MW04D	3/14/2016	15.43	9.69	5.74
MCWP-MW04D	4/25/2016	15.43	10.07	5.36
MCWP-MW04D	5/16/2016	15.43	9.83	5.60
MCWP-MW04D	6/17/2016	15.43	9.97	5.46
MCWP-MW04D	7/20/2016	15.43	10.22	5.21
MCWP-MW04D	8/20/2016	15.43	10.33	5.10
MCWP-MW04D	9/19/2016	15.43	10.32	5.11
MCWP-MW04D	10/21/2016	15.43	10.40	5.03
MCWP-MW04D	11/18/2016	15.43	9.12	6.31
MCWP-MW04D	12/19/2016	15.43	9.68	5.75
MCWP-MW04D	1/17/2017	15.43	9.34	6.09
MCWP-MW04D	2/24/2017	15.43	9.83	5.60
MCWP-MW04D	3/27/2017	15.43	10.61	4.82
MCWP-MW04D	4/17/2017	15.43	10.51	4.92
MCWP-MW04D	5/22/2017	15.43	10.99	4.44
MCWP-MW04D	6/20/2017	15.43	9.62	5.81
MCWP-MW04D	7/28/2017	15.43	9.62	5.81
MCWP-MW04D	8/25/2017	15.43	9.46	5.97
MCWP-MW04D	9/11/2017	15.43	9.72	5.71
MCWP-MW04D	10/16/2017	15.43	9.24	6.19
MCWP-MW04D	11/15/2017	15.43	9.13	6.30
MCWP-MW04D	12/11/2017	15.43	10.78	4.65
MCWP-MW04D	1/22/2018	15.43	9.84	5.59
MCWP-MW04D	2/14/2018	15.43	9.59	5.84
MCWP-MW04D	3/19/2018	15.43	9.56	5.87
MCWP-MW04D	4/23/2018	15.43	10.41	5.02
MCWP-MW04D	5/10/2018	15.43	9.49	5.94
MCWP-MW04D	6/19/2018	15.43	9.56	5.87

Deep Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
MCWP-MW05	8/24/2015	13.92	7.62	6.30
MCWP-MW05	9/21/2015	13.92	7.30	6.62
MCWP-MW05	10/20/2015	13.92	7.47	6.45
MCWP-MW05	11/16/2015	13.92	7.42	6.50
MCWP-MW05	12/14/2015	13.92	6.39	7.53
MCWP-MW05	1/14/2016	13.92	7.82	6.10
MCWP-MW05	2/16/2016	13.92	8.37	5.55
MCWP-MW05	3/14/2016	13.92	7.96	5.96
MCWP-MW05	4/25/2016	13.92	8.27	5.65
MCWP-MW05	5/16/2016	13.92	7.78	6.14
MCWP-MW05	6/17/2016	13.92	8.05	5.87
MCWP-MW05	7/20/2016	13.92	8.41	5.51
MCWP-MW05	8/20/2016	13.92	8.69	5.23
MCWP-MW05	9/19/2016	13.92	8.98	4.94
MCWP-MW05	10/21/2016	13.92	N/A	-
MCWP-MW05	11/18/2016	13.92	N/A	-
MCWP-MW05	12/19/2016	13.92	N/A	-
MCWP-MW05	1/17/2017	13.92	N/A	-
MCWP-MW05	2/24/2017	13.92	N/A	-
MCWP-MW05	3/27/2017	13.92	8.39	5.53
MCWP-MW05	4/17/2017	13.92	8.48	5.44
MCWP-MW05	5/22/2017	13.92	N/A	-
MCWP-MW05	6/20/2017	13.92	N/A	-
MCWP-MW05	7/28/2017	13.92	N/A	-
MCWP-MW05	8/25/2017	13.92	N/A	-
MCWP-MW05	9/11/2017	13.92	8.15	5.77
MCWP-MW05	10/16/2017	13.92	7.48	6.44
MCWP-MW05	11/15/2017	13.92	7.41	6.51
MCWP-MW05	12/11/2017	13.92	8.78	5.14
MCWP-MW05	1/22/2018	13.92	8.04	5.88
MCWP-MW05	2/14/2018	13.92	8.10	5.82
MCWP-MW05	3/19/2018	13.92	7.74	6.18
MCWP-MW05	4/23/2018	13.92	8.18	5.74
MCWP-MW05	5/10/2018	13.92	7.36	6.56
MCWP-MW05	6/19/2018	13.92	7.43	6.49
MCWP-MW06	8/24/2015	16.05	9.87	6.18
MCWP-MW06	9/21/2015	16.05	9.40	6.65
MCWP-MW06	10/20/2015	16.05	9.71	6.34
MCWP-MW06	11/16/2015	16.05	9.61	6.44
MCWP-MW06	12/14/2015	16.05	8.64	7.41
MCWP-MW06	1/14/2016	16.05	10.12	5.93
MCWP-MW06	2/16/2016	16.05	10.58	5.47
MCWP-MW06	3/14/2016	16.05	10.14	5.91
MCWP-MW06	4/25/2016	16.05	10.49	5.56
MCWP-MW06	5/16/2016	16.05	10.06	5.99
MCWP-MW06	6/17/2016	16.05	10.27	5.78
MCWP-MW06	7/20/2016	16.05	10.60	5.45
MCWP-MW06	8/20/2016	16.05	10.86	5.19
MCWP-MW06	9/19/2016	16.05	11.07	4.98
MCWP-MW06	10/21/2016	16.05	10.90	5.15
MCWP-MW06	11/18/2016	16.05	9.62	6.43
MCWP-MW06	12/19/2016	16.05	10.20	5.85
MCWP-MW06	1/17/2017	16.05	9.87	6.18
MCWP-MW06	2/24/2017	16.05	10.05	6.00
MCWP-MW06	3/27/2017	16.05	11.41	4.64
MCWP-MW06	4/17/2017	16.05	10.81	5.24
MCWP-MW06	5/22/2017	16.05	11.43	4.62
MCWP-MW06	6/20/2017	16.05	10.16	5.89
MCWP-MW06	7/28/2017	16.05	10.03	6.02
MCWP-MW06	8/25/2017	16.05	10.06	5.99
MCWP-MW06	9/11/2017	16.05	10.41	5.64
MCWP-MW06	10/16/2017	16.05	9.72	6.33
MCWP-MW06	11/15/2017	16.05	9.91	6.14
MCWP-MW06	12/11/2017	16.05	11.10	4.95
MCWP-MW06	1/22/2018	16.05	10.34	5.71
MCWP-MW06	2/14/2018	16.05	10.19	5.86
MCWP-MW06	3/19/2018	16.05	9.86	6.19
MCWP-MW06	4/23/2018	16.05	10.67	5.38
MCWP-MW06	5/10/2018	16.05	9.67	6.38
MCWP-MW06	6/19/2018	16.05	9.71	6.34

Deep Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
MCWP-MW07D	8/24/2015	13.21	7.51	5.70
MCWP-MW07D	9/21/2015	13.21	7.44	5.77
MCWP-MW07D	10/20/2015	13.21	7.67	5.54
MCWP-MW07D	11/16/2015	13.21	7.27	5.94
MCWP-MW07D	12/14/2015	13.21	6.59	6.62
MCWP-MW07D	1/14/2016	13.21	8.32	4.89
MCWP-MW07D	2/16/2016	13.21	8.32	4.89
MCWP-MW07D	3/14/2016	13.21	7.92	5.29
MCWP-MW07D	4/25/2016	13.21	8.47	4.74
MCWP-MW07D	5/16/2016	13.21	8.26	4.95
MCWP-MW07D	6/17/2016	13.21	8.45	4.76
MCWP-MW07D	7/20/2016	13.21	8.18	5.03
MCWP-MW07D	8/20/2016	13.21	8.77	4.44
MCWP-MW07D	9/19/2016	13.21	8.12	5.09
MCWP-MW07D	10/21/2016	13.21	8.81	4.40
MCWP-MW07D	11/18/2016	13.21	7.54	5.67
MCWP-MW07D	12/19/2016	13.21	7.99	5.22
MCWP-MW07D	1/17/2017	13.21	7.52	5.69
MCWP-MW07D	2/24/2017	13.21	N/A	-
MCWP-MW07D	3/27/2017	13.21	N/A	-
MCWP-MW07D	4/17/2017	13.21	N/A	-
MCWP-MW07D	5/22/2017	13.21	N/A	-
MCWP-MW07D	6/20/2017	13.21	N/A	-
MCWP-MW07D	7/28/2017	13.21	7.91	5.30
MCWP-MW07D	8/25/2017	13.21	7.44	5.77
MCWP-MW07D	9/11/2017	13.21	7.91	5.30
MCWP-MW07D	10/16/2017	13.21	7.20	6.01
MCWP-MW07D	11/15/2017	13.21	7.54	5.67
MCWP-MW07D	12/11/2017	13.21	9.12	4.09
MCWP-MW07D	1/22/2018	13.21	8.02	5.19
MCWP-MW07D	2/14/2018	13.21	8.38	4.83
MCWP-MW07D	3/19/2018	13.21	7.83	5.38
MCWP-MW07D	4/23/2018	13.21	9.07	4.14
MCWP-MW07D	5/10/2018	13.21	7.98	5.23
MCWP-MW07D	6/19/2018	13.21	8.44	4.77
MCWP-MW09	8/24/2015	16.30	5.69	10.61
MCWP-MW09	9/21/2015	16.30	5.42	10.88
MCWP-MW09	10/20/2015	16.30	5.68	10.62
MCWP-MW09	11/16/2015	16.30	5.50	10.80
MCWP-MW09	12/14/2015	16.30	4.75	11.55
MCWP-MW09	1/14/2016	16.30	6.37	9.93
MCWP-MW09	2/16/2016	16.30	6.42	9.88
MCWP-MW09	3/14/2016	16.30	6.04	10.26
MCWP-MW09	4/25/2016	16.30	6.38	9.92
MCWP-MW09	5/16/2016	16.30	5.85	10.45
MCWP-MW09	6/17/2016	16.30	5.96	10.34
MCWP-MW09	7/20/2016	16.30	6.44	9.86
MCWP-MW09	8/20/2016	16.30	6.54	9.76
MCWP-MW09	9/19/2016	16.30	6.26	10.04
MCWP-MW09	10/21/2016	16.30	6.71	9.59
MCWP-MW09	11/18/2016	16.30	5.68	10.62
MCWP-MW09	12/19/2016	16.30	6.31	9.99
MCWP-MW09	1/17/2017	16.30	5.79	10.51
MCWP-MW09	2/24/2017	16.30	6.78	9.52
MCWP-MW09	3/27/2017	16.30	7.12	9.18
MCWP-MW09	4/17/2017	16.30	6.83	9.47
MCWP-MW09	5/22/2017	16.30	7.72	8.58
MCWP-MW09	6/20/2017	16.30	6.24	10.06
MCWP-MW09	7/28/2017	16.30	5.76	10.54
MCWP-MW09	8/25/2017	16.30	5.78	10.52
MCWP-MW09	9/11/2017	16.30	5.85	10.45
MCWP-MW09	10/16/2017	16.30	5.90	10.40
MCWP-MW09	11/15/2017	16.30	5.70	10.60
MCWP-MW09	12/11/2017	16.30	7.10	9.20
MCWP-MW09	1/22/2018	16.30	6.31	9.99
MCWP-MW09	2/14/2018	16.30	7.30	9.00
MCWP-MW09	3/19/2018	16.30	7.71	8.59
MCWP-MW09	4/23/2018	16.30	6.90	9.40
MCWP-MW09	5/10/2018	16.30	6.04	10.26
MCWP-MW09	6/19/2018	16.30	6.01	10.29

Winter Canyon Groundwater Monitoring Wells				
Well ID	**Date**	**TOC Elevation** (ft)	**Depth to Water** (ft bTOC)	**Groundwater Elevation**
LAMW-5S	8/24/2015	104.55	53.71	50.84
LAMW-5S	9/21/2015	104.55	53.30	51.25
LAMW-5S	10/20/2015	104.55	53.74	50.81
LAMW-5S	11/16/2015	104.55	53.90	50.65
LAMW-5S	12/14/2015	104.55	53.54	51.01
LAMW-5S	1/14/2016	104.55	54.02	50.53
LAMW-5S	2/16/2016	104.55	53.69	50.86
LAMW-5S	3/14/2016	104.55	53.92	50.63
LAMW-5S	4/25/2016	104.55	53.88	50.67
LAMW-5S	5/16/2016	104.55	53.98	50.57
LAMW-5S	6/17/2016	104.55	53.97	50.58
LAMW-5S	7/20/2016	104.55	54.23	50.32
LAMW-5S	8/20/2016	104.55	54.42	50.13
LAMW-5S	9/19/2016	104.55	54.77	49.78
LAMW-5S	10/21/2016	104.55	55.00	49.55
LAMW-5S	11/18/2016	104.55	54.91	49.64
LAMW-5S	12/19/2016	104.55	53.83	50.72
LAMW-5S	1/17/2017	104.55	53.81	50.74
LAMW-5S	2/24/2017	104.55	50.54	54.01
LAMW-5S	3/27/2017	104.55	48.71	55.84
LAMW-5S	4/17/2017	104.55	48.24	56.31
LAMW-5S	5/22/2017	104.55	48.23	56.32
LAMW-5S	6/20/2017	104.55	48.39	56.16
LAMW-5S	7/28/2017	104.55	49.08	55.47
LAMW-5S	8/25/2017	104.55	49.77	54.78
LAMW-5S	9/11/2017	104.55	49.75	54.80
LAMW-5S	10/16/2017	104.55	50.99	53.56
LAMW-5S	11/15/2017	104.55	51.66	52.89
LAMW-5S	12/11/2017	104.55	52.42	52.13
LAMW-5S	1/22/2018	104.55	53.85	50.70
LAMW-5S	2/14/2018	104.55	54.38	50.17
LAMW-5S	3/19/2018	104.55	54.57	49.98
LAMW-5S	4/23/2018	104.55	54.20	50.35
LAMW-5S	5/10/2018	104.55	54.59	49.96
LAMW-5S	6/19/2018	104.55	54.60	49.95
SMBRP-11	8/24/2015	18.35	8.88	9.47
SMBRP-11	9/21/2015	18.35	8.70	9.65
SMBRP-11	10/20/2015	18.35	8.36	9.99
SMBRP-11	11/16/2015	18.35	8.64	9.71
SMBRP-11	12/14/2015	18.35	8.35	10.00
SMBRP-11	1/14/2016	18.35	8.00	10.35
SMBRP-11	2/16/2016	18.35	8.30	10.05
SMBRP-11	3/14/2016	18.35	7.89	10.46
SMBRP-11	4/25/2016	18.35	8.63	9.72
SMBRP-11	5/16/2016	18.35	8.62	9.73
SMBRP-11	6/17/2016	18.35	8.39	9.96
SMBRP-11	7/20/2016	18.35	8.00	10.35
SMBRP-11	8/20/2016	18.35	8.44	9.91
SMBRP-11	9/19/2016	18.35	8.56	9.79
SMBRP-11	10/21/2016	18.35	8.71	9.64
SMBRP-11	11/18/2016	18.35	8.47	9.88
SMBRP-11	12/19/2016	18.35	8.71	9.64
SMBRP-11	1/17/2017	18.35	7.81	10.54
SMBRP-11	2/24/2017	18.35	7.22	11.13
SMBRP-11	3/27/2017	18.35	7.97	10.38
SMBRP-11	4/17/2017	18.35	8.19	10.16
SMBRP-11	5/22/2017	18.35	8.45	9.90
SMBRP-11	6/20/2017	18.35	8.41	9.94
SMBRP-11	7/28/2017	18.35	8.25	10.10
SMBRP-11	8/25/2017	18.35	8.26	10.09
SMBRP-11	9/11/2017	18.35	8.50	9.85
SMBRP-11	10/16/2017	18.35	8.51	9.84
SMBRP-11	11/15/2017	18.35	8.57	9.78
SMBRP-11	12/11/2017	18.35	8.65	9.70
SMBRP-11	1/22/2018	18.35	8.54	9.81
SMBRP-11	2/14/2018	18.35	8.90	9.45
SMBRP-11	3/19/2018	18.35	8.62	9.73
SMBRP-11	4/23/2018	18.35	8.85	9.50
SMBRP-11	5/10/2018	18.35	9.04	9.31
SMBRP-11	6/19/2018	18.35	8.00	10.35

Notes:
N/A: well not accessible
'- : no data available
TOC: top of well casing
ft bTOC: feet below top of well casing
TOC elevation referenced to NAVD88

Groundwater	SNMP MOU	SNMP MOU	SNMP MOU	SNMP MOU	SNMP MOU	SNMP MOU	SNMP MOU	SNMP MOU	SNMP MOU	SNMP MOU	SNMP	SNMP	SNMP MOU	SNMP MOU	SNMP MOU	SNMP MOU	SNMP MOU	SNMP MOU
Laboratory Analysis	LAMW-5S	SMBRP-7B	SMBRP-9	SMBRP-11	SMBRP-12	SMBRP-13	MBCMW-9	MCWP-MW04S	MCWP-MW04D	MCWP-MW05	MCWP-MW06	MCWP-MW07S	MCWP-MW07D	MCWP-MW09	MCWP-MW10	TY-MW-1	CCPE
General Chemistry (pH, Total Dissolved Solids, Sulfate, Chloride, Boron, Methylene Blue Active Substances (MBAS)/Foaming Agents)	✓ (TDS only)	✓ (TDS only)	✓ (TDS only)	✓ (TDS only)	✓ (TDS only)	✓ (TDS only)	✓ (TDS only)	✓ (TDS only)	✓ (TDS only)	✓ (TDS only)	✓ (TDS only)	✓ (TDS only)	✓ (TDS only)	✓ (TDS only)	✓ (TDS only)	NS	✓ (TDS only)
Biological Oxygen Demand (BOD)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Turbidity (includes color and odor)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total and Fecal Coliform	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	✓	✓	✓	✓	NS	✓
Total Suspended Solids	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Residual Chlorine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Organic Carbon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oil and Grease	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrate as Nitrogen	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	NS	✓
Nitrite as Nitrogen	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	✓	✓	✓	✓	NS	✓
Nitrate and Nitrite as Nitrogen (calculation)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ammonia Nitrogen	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	✓	✓	✓	✓	NS	✓
Kjeldahl Nitrogen	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	✓	✓	✓	✓	NS	✓
Organic Nitrogen (calculation)	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	✓	✓	✓	✓	NS	✓
Total Nitrogen (includes TKN)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Phosphorous	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	✓	✓	✓	✓	NS	✓

Surface Water

Laboratory Analysis	N-001	N-002	N-003	N-004	L-001	L-002	L-003	L-004	L-005	L-006
Total and Fecal Coliform	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Nitrate as Nitrogen	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Nitrite as Nitrogen	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Ammonia Nitrogen	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Organic Nitrogen	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Kjeldahl Nitrogen	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Total Phosphorous	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Notes:
✓: Laboratory analysis completed
NS: Not sampled - well damaged/not accessible (replaced by SMBRP-11)
- : Sampling & analysis not required

Location	Monitoring Depth	Sample ID	Sample Date	Coliform Bacteria Analysis (MPN/100mL)		Inorganic Analysis (mg/L)						
				Total	Fecal	Nitrate Nitrogen	Nitrite Nitrogen	Nitrogen, Organic	Ammonia Nitrogen	Kjeldahl Nitrogen	Total Nitrogen	Phosphorous, Total
Near Shore	Ankle Depth	N-001	9/25/2015	**70**	**46**	<0.1	<0.1	<0.5	<0.2	<0.5	0	**1.76**
			12/1/2015	<1.8	<1.8	<0.1	<0.1	<0.5	<0.2	<0.5	0	**0.775**
			3/18/2016	<1.8	<1.8	**0.1**	<0.1	**0.937**	<0.2	**0.937**	**1.97**	**0.400**
			6/16/2016	<1.8	<1.8	<0.1	<0.1	<0.5	<0.2	<0.5	0	**0.658**
			9/23/2016	<1.8	<1.8	<0.1	<0.1	<0.5	<0.2	<0.5	0	**1.97**
			12/20/2016	**49**	**49**	**0.1**	<0.1	<0.5	<0.2	<0.5	**0.100**	**1.01**
			3/31/2017	**14**	**6.8**	**0.2**	<0.1	<0.5	<0.2	<0.5	**0.200**	**1.69**
			6/19/2017	**23**	**7.8**	<0.1	<0.1	**0.519**	<0.2	**0.596**	**1.12**	**2.06**
			8/29/2017	**23**	<1.8	<0.1	<0.1	<0.5	<0.2	<0.5	0	**2.10**
			12/28/2017	**2.0**	<1.8	<0.1	<0.1	<0.5	<0.2	<0.5	0	<0.1
			4/13/2018	**49**	**2.0**	**0.1**	<0.1	<0.5	<0.2	<0.5	**0.100**	**0.101**
			5/25/2018	**4.0**	<1.8	<0.1	<0.1	<0.5	<0.2	<0.5	0	<0.1
		N-002	9/25/2015	**13**	**13**	<0.1	<0.1	<0.5	<0.2	<0.5	0	**1.48**
			12/1/2015	<1.8	<1.8	<0.1	<0.1	<0.5	<0.2	<0.5	0	**1.38**
			3/18/2016	<1.8	<1.8	**0.1**	<0.1	<0.5	<0.2	<0.5	**0.100**	**1.42**
			6/16/2016	<1.8	<1.8	<0.1	<0.1	<0.5	<0.2	<0.5	0	**1.03**
			9/23/2016	**240**	**6.8**	<0.1	<0.1	<0.5	<0.2	<0.5	0	**1.30**
			12/20/2016	<1.8	<1.8	**0.1**	<0.1	<0.5	<0.2	<0.5	**0.100**	**1.35**
			3/31/2017	**13**	<1.8	**0.1**	<0.1	<0.5	<0.2	<0.5	**0.100**	**0.127**
			6/19/2017	<1.8	<1.8	<0.1	<0.1	**2.25**	<0.2	**2.25**	**4.50**	**2.03**
			8/29/2017	**8**	<1.8	<0.1	<0.1	<0.5	<0.2	<0.5	0	**2.14**
			12/28/2017	**31**	**17**	**0.07**	<0.1	<0.5	<0.2	<0.5	**0.0700**	<0.1
			4/13/2018	**46**	**21**	**0.1**	<0.1	<0.5	<0.2	<0.5	**0.100**	<0.1
			5/25/2018	<1.8	<1.8	<0.1	<0.1	<0.5	<0.2	<0.5	0	<0.1
		N-003	9/25/2015	**11**	**4.0**	<0.1	<0.1	<0.5	<0.2	<0.5	0	**0.347**
			12/1/2015	**14**	**14**	<0.1	<0.1	<0.5	<0.2	<0.5	0	**1.46**
			3/18/2016	**13**	<1.8	**0.1**	<0.1	**0.865**	<0.2	**0.865**	**1.83**	<0.1
			6/16/2016	<1.8	<1.8	<0.1	<0.1	<0.5	<0.2	<0.5	0	<0.1
			9/23/2016	**2.0**	**2.0**	<0.1	<0.1	<0.5	<0.2	<0.5	0	**1.46**
			12/20/2016	**79**	**79**	**0.1**	<0.1	<0.5	<0.2	<0.5	**0.100**	**1.31**
			3/31/2017	**350**	**33**	**0.1**	<0.1	**10.8**	<0.2	**10.8**	**21.7**	**0.467**
			6/19/2017	**7.8**	<1.8	<0.1	<0.1	<0.5	<0.2	<0.5	0	**0.474**
			8/29/2017	**7.8**	**2.0**	<0.1	<0.1	<0.5	<0.2	<0.5	0	**1.15**
			12/28/2017	**17**	**14**	<0.1	<0.1	<0.5	<0.2	<0.5	0	<0.1
			4/13/2018	**17**	**17**	<0.1	<0.1	<0.5	<0.2	<0.5	0	<0.1
			5/25/2018	<1.8	<1.8	<0.1	<0.1	<0.5	<0.2	<0.5	0	<0.1
		N-004	9/25/2015	**14**	**9.3**	<0.1	<0.1	<0.5	<0.2	<0.5	0	**0.288**
			12/1/2015	**2.0**	<1.8	<0.1	<0.1	<0.5	<0.2	<0.5	0	**1.01**
			3/18/2016	**2.0**	<1.8	**0.1**	<0.1	<0.5	<0.2	<0.5	**0.100**	**0.648**
			6/16/2016	**6.8**	<1.8	<0.1	<0.1	<0.5	<0.2	<0.5	0	**1.25**
			9/23/2016	**4.5**	<1.8	<0.1	<0.1	<0.5	<0.2	<0.5	0	**1.29**
			12/20/2016	**7.8**	<1.8	<0.1	<0.1	<0.5	<0.2	<0.5	0	**1.29**
			3/31/2017	**6.8**	**2.0**	<0.1	**0.153**	<0.5	<0.2	<0.5	**0.153**	**1.87**
			6/19/2017	**7.8**	**7.8**	<0.1	<0.1	**0.647**	<0.2	**0.647**	**1.29**	**1.24**
			8/29/2017	**79**	**79**	<0.1	<0.1	<0.5	<0.2	<0.5	0	<0.1
			12/28/2017	**17**	**17**	**0.07**	<0.1	<0.5	<0.2	<0.5	**0.0700**	**0.044**
			4/13/2018	**4.5**	**4.5**	**0.1**	<0.1	<0.5	<0.2	<0.5	**0.100**	<0.1
			5/25/2018	**4.0**	<1.8	<0.1	<0.1	<0.5	<0.2	<0.5	0	<0.1

Location	Monitoring Depth	Sample ID	Sample Date	Coliform Bacteria Analysis (MPN/100mL)		Inorganic Analysis (mg/L)						
				Total	Fecal	Nitrate Nitrogen	Nitrite Nitrogen	Nitrogen, Organic	Ammonia Nitrogen	Kjeldahl Nitrogen	Total Nitrogen	Phosphorous, Total
Malibu Lagoon and Creek	1 foot BSW	L-001	9/25/2015	**920**	**49**	<0.1	<0.1	**2.26**	<0.2	**2.26**	**4.52**	**0.558**
			12/1/2015	**350**	**33**	<0.1	<0.1	**0.837**	<0.2	**0.837**	**1.67**	**0.218**
			3/18/2016	**350**	**23**	**0.3**	<0.1	**1.99**	<0.2	**1.99**	**4.28**	**0.635**
			6/16/2016	**350**	**4.5**	<0.1	<0.1	**0.696**	<0.2	**0.696**	**1.39**	**0.178**
			9/23/2016	**540**	**79**	<0.1	<0.1	**1.04**	<0.2	**1.04**	**2.08**	**0.153**
			12/20/2016	**1,600**	**49**	**3.2**	<0.1	<0.5	<0.2	<0.5	**3.20**	**0.934**
			3/31/2017	**540**	<1.8	**1.5**	<0.1	**1.84**	<0.2	**1.84**	**5.18**	**0.577**
			6/19/2017	**350**	**49**	**0.6**	<0.1	**0.617**	<0.2	**0.617**	**1.83**	**0.387**
			8/29/2017	**>1,600**	**130**	**0.2**	<0.1	**0.834**	<0.2	**0.834**	**1.87**	**0.156**
			12/28/2017	**1,600**	**70**	**0.7**	<0.1	<0.5	<0.2	<0.5	**0.700**	**0.174**
			4/13/2018	**>1,600**	**220**	**1.7**	<0.1	<0.5	<0.2	<0.5	**1.70**	**0.858**
			5/25/2018	**920**	**49**	<0.1	<0.1	<0.5	<0.2	<0.5	0	**0.285**
		L-002	9/25/2015	**920**	**49**	<0.1	<0.1	**1.83**	<0.2	**1.83**	**3.66**	**0.404**
			12/1/2015	**540**	**33**	<0.1	<0.1	**0.591**	<0.2	**0.591**	**1.18**	**0.226**
			3/18/2016	**280**	**49**	**0.6**	<0.1	**0.852**	<0.2	**0.852**	**2.30**	**0.379**
			6/16/2016	**33**	**2.0**	<0.1	<0.1	**0.964**	<0.2	**0.964**	**1.93**	<0.1
			9/23/2016	**14**	**4.5**	**0.1**	<0.1	**0.77**	<0.2	**0.77**	**1.64**	<0.1
			12/20/2016	**1,600**	**240**	**1.6**	<0.1	<0.5	<0.2	<0.5	**1.60**	**0.621**
			3/31/2017	**130**	**33**	**1.5**	<0.1	<0.5	<0.2	<0.5	**1.50**	**0.464**
			6/19/2017	**540**	**33**	**0.2**	<0.1	<0.5	<0.2	**0.604**	**0.804**	**0.459**
			8/29/2017	**>1,600**	**7.8**	<0.1	<0.1	**1.21**	<0.2	**1.21**	**2.42**	**0.161**
			12/28/2017	**240**	**33**	**0.2**	<0.1	<0.5	<0.2	<0.5	**0.200**	**0.056**
			4/13/2018	**>1,600**	**49**	**1.0**	<0.1	<0.5	<0.2	<0.5	**1.00**	**0.449**
			5/25/2018	**220**	**4.5**	<0.1	<0.1	<0.5	<0.2	<0.5	0	**0.145**
		L-003	9/25/2015	**540**	**70**	<0.1	<0.1	**2.35**	<0.2	**2.35**	**4.70**	**0.379**
			12/1/2015	**240**	**17**	<0.1	<0.1	<0.5	<0.2	<0.5	0	**0.213**
			3/18/2016	**240**	**23**	**0.6**	<0.1	**1.03**	<0.2	**1.03**	**2.66**	**0.397**
			6/16/2016	**79**	**4.0**	<0.1	<0.1	<0.5	<0.2	<0.5	0	**0.139**
			9/23/2016	**23**	**4.5**	<0.1	<0.1	**1.21**	<0.2	**1.21**	**2.42**	<0.1
			12/20/2016	**220**	**31**	**2.7**	<0.1	<0.5	<0.2	<0.5	**2.70**	**0.984**
			3/31/2017	**70**	**23**	**1.2**	<0.1	**0.511**	<0.2	**0.511**	**2.22**	**0.446**
			6/19/2017	**220**	**17**	<0.1	<0.1	**0.714**	<0.2	**0.714**	**1.43**	**1.69**
			8/29/2017	**>1,600**	**33**	<0.1	<0.1	**0.898**	<0.2	**0.898**	**1.80**	**0.186**
			12/28/2017	**>1,600**	**13**	**0.08**	<0.1	**0.393**	<0.2	**0.393**	**0.866**	<0.1
			4/13/2018	**>1,600**	**79**	**0.6**	<0.1	**0.741**	<0.2	**0.741**	**2.08**	**0.373**
			5/25/2018	**110**	**79**	<0.1	<0.1	**0.906**	<0.2	**0.906**	**1.81**	**0.224**
		L-004	9/25/2015	**170**	**23**	<0.1	<0.1	**2.67**	<0.2	**2.67**	**5.34**	**0.266**
			12/1/2015	**170**	**130**	<0.1	<0.1	**0.583**	<0.2	**0.583**	**1.17**	**0.200**
			3/18/2016	**350**	**170**	**0.5**	<0.1	**0.798**	<0.2	**0.798**	**2.10**	**0.350**
			6/16/2016	**49**	**2.0**	<0.1	<0.1	**0.667**	<0.2	**0.667**	**1.33**	**0.114**
			9/23/2016	**17**	**4.5**	<0.1	<0.1	**0.627**	<0.2	**0.627**	**1.25**	<0.1
			12/20/2016	**540**	**79**	**2.4**	<0.1	<0.5	<0.2	<0.5	**2.40**	**0.833**
			3/31/2017	**540**	**170**	**0.4**	<0.1	**1.67**	<0.2	**1.67**	**3.74**	**0.394**
			6/19/2017	**540**	**350**	<0.1	<0.1	**1.06**	<0.2	**1.06**	**2.12**	**0.477**
			8/29/2017	**>1,600**	**49**	<0.1	<0.1	**0.653**	<0.2	**0.653**	**1.31**	**0.151**
			12/28/2017	**540**	**170**	<0.1	<0.1	<0.5	<0.2	<0.5	0	<0.1
			4/13/2018	**1,600**	**130**	**1.0**	<0.1	<0.5	<0.2	<0.5	**1.00**	**0.548**
			5/25/2018	**94**	**33**	<0.1	<0.1	**0.729**	<0.2	**0.729**	**1.46**	**0.180**

Location	Monitoring Depth	Sample ID	Sample Date	Coliform Bacteria Analysis (MPN/100mL)		Inorganic Analysis (mg/L)						
				Total	Fecal	Nitrate Nitrogen	Nitrite Nitrogen	Nitrogen, Organic	Ammonia Nitrogen	Kjeldahl Nitrogen	Total Nitrogen	Phosphorous, Total
Malibu Lagoon and Creek	1 foot BSW	L-005	9/25/2015	**350**	**49**	<0.1	<0.1	**3.8**	<0.2	**3.8**	**7.60**	**0.372**
			12/1/2015	**350**	**49**	<0.1	<0.1	<0.5	<0.2	<0.5	0	**0.123**
			3/18/2016	**540**	**350**	**1.6**	<0.1	**1.37**	<0.2	**1.37**	**4.34**	**0.661**
			6/16/2016	**26**	**6.8**	<0.1	<0.1	**1.16**	<0.2	**1.16**	**2.32**	**0.133**
			9/23/2016	**7.8**	**7.8**	<0.1	<0.1	<0.5	<0.2	**0.53**	**0.530**	<0.1
			12/20/2016	**350**	**49**	**2.5**	<0.1	<0.5	<0.2	<0.5	**2.50**	**0.865**
			3/31/2017	**170**	**22**	**0.2**	<0.1	<0.5	<0.2	<0.5	**0.200**	**0.104**
			6/19/2017	**240**	**240**	<0.1	<0.1	**0.976**	<0.2	**0.976**	**1.95**	**0.902**
			8/29/2017	**920**	**70**	<0.1	<0.1	**1.22**	<0.2	**1.22**	**2.44**	**0.135**
			12/28/2017	**>1,600**	**>1,600**	**0.7**	<0.1	**0.703**	<0.2	**0.703**	**2.11**	**0.191**
			4/13/2018	**>1,600**	**94**	**0.6**	<0.1	<0.5	<0.2	<0.5	**0.600**	**0.312**
			5/25/2018	**>1,600**	**>1,600**	<0.1	<0.1	**0.940**	<0.2	**0.940**	**1.88**	**0.411**
		L-006	9/25/2015	**170**	**170**	<0.1	<0.1	**3.59**	<0.2	**3.67**	**7.26**	**0.320**
			12/1/2015	**350**	**49**	<0.1	<0.1	<0.5	<0.2	<0.5	0	**0.168**
			3/18/2016	**920**	**130**	**0.4**	<0.1	**1.46**	<0.2	**1.46**	**3.32**	**0.366**
			6/16/2016	**17**	**7.8**	<0.1	<0.1	**1.18**	<0.2	**1.18**	**2.36**	**0.172**
			9/23/2016	**7.8**	**7.8**	<0.1	<0.1	**1.24**	<0.2	**1.24**	**2.48**	<0.1
			12/20/2016	**130**	**14**	**0.3**	<0.1	<0.5	<0.2	<0.5	**0.300**	**0.287**
			3/31/2017	**540**	**11**	<0.1	<0.1	**13.6**	<0.2	**13.6**	**27.2**	**3.50**
			6/19/2017	**33**	**7.8**	<0.1	<0.1	**1.12**	<0.2	**1.12**	**2.24**	**0.714**
			8/29/2017	**1,600**	**26**	<0.1	<0.1	**1.76**	<0.2	**1.76**	**3.52**	**0.110**
			12/28/2017	**920**	**170**	<0.1	<0.1	**4.27**	<0.2	**4.27**	**8.54**	**0.333**
			4/13/2018	**>1,600**	**110**	<0.1	<0.1	<0.5	<0.2	<0.5	0	**0.394**
			5/25/2018	**49**	**7.8**	<0.1	<0.1	<0.5	<0.2	<0.5	0	**0.177**

Notes:
bold: Constituent detected above Practical Quantitation Limit (PQL)
mg/L: milligrams per liter
MPN/100mL: Most Probable Number per 100 milliliters
BSW: below surface water
<: constituent not detected above the PQL
>: constituent detected above the laboratory upper detection limit

			Coliform Bacteria Analysis (MPN/100mL)		**Inorganic Analysis** (mg/L)												
Well ID	**Well Depth** (bgs)	**Sample Date**	Total	Fecal	Nitrate as NO_3	Nitrite Nitrogen	Nitrate + Nitrite as N	Nitrate Nitrogen	Nitrogen, Organic	Ammonia Nitrogen	Kjeldahl Nitrogen	Nitrogen, Total as Nitrogen	Phosphorous, Total	Boron	Sulfate	Total Dissolved Solids (TDS)	Chloride
LAMW-5S	73 feet	9/29/2015	**350**	**4.5**	**32.8**	<0.1	**7.68**	**7.4**	**0.986**	<0.2	**1.07**	**8.75**	**14.7**	**0.314**	**156**	**769**	**103**
		3/15/2016	>1,600	**350**	-	<0.1	-	**8.2**	<0.5	<0.2	<0.5	-	**9.43**	-	-	**713**	-
		9/20/2016	<1.8	<1.8	**55.1**	<0.1	**12.4**	**12.4**	<0.5	<0.2	<0.5	12.4	**7.04**	**0.248**	**200**	**863**	**125**
		3/28/2017	**49**	<1.8	-	<0.1	-	**13.6**	<0.5	<0.2	<0.5	-	**5.24**	-	-	**696**	-
		9/14/2017	>1,600	**170**	**72.8**	<0.1	**16.4**	**16.4**	<0.5	<0.2	<0.5	**16.4**	**5.38**	**0.325**	**98.6**	**604**	**117**
		6/20/2018	**7.8**	<1.8	-	<0.1	-	**13.3**	<0.5	<0.2	<0.5	-	**2.00**	-	-	**618**	-
SMBRP-7B	25 feet	12/15/2015	**11**	<1.8	-	<0.1	-	<0.1	<0.5	<0.2	**0.552**	-	**0.478**	-	-	**3,090**	-
		3/15/2016	**110**	**11**	-	<0.1	-	<0.1	**1.37**	<0.2	**1.37**	-	**0.916**	-	-	**1,400**	-
		9/20/2016	<1.8	<1.8	-	<0.1	-	<0.1	<0.5	**0.215**	**0.618**	-	**0.445**	-	-	**3,920**	-
		3/28/2017	**4.5**	<1.8	-	<0.1	-	**2.3**	<0.5	<0.2	<0.5	-	**0.287**	-	-	**3,430**	-
		9/12/2017	<1.8	<1.8	-	<0.1	-	**1.2**	<0.5	<0.2	<0.5	-	**0.55**	-	-	**3,580**	-
		6/20/2018	**12**	<1.8	-	<0.1	-	**0.2**	<0.5	<0.2	<0.5	-	**0.224**	-	-	**3,480**	-
SMBRP-9	45 feet	12/15/2015	<1.8	<1.8	**78.8**	<0.1	**17.8**	**17.8**	<0.5	**0.331**	<0.5	**17.8**	**0.41**	**0.56**	**538**	**2,100**	**309**
		3/15/2016	<1.8	<1.8	-	<0.1	-	**15.1**	<0.5	<0.2	<0.5	-	**0.462**	-	-	**2,100**	-
		9/20/2016	**33**	<1.8	**84.5**	<0.1	**19.1**	**19.1**	<0.5	<0.2	<0.5	**19.1**	**0.272**	**0.649**	**342**	**1,940**	**213**
		3/28/2017	**9.3**	<1.8	-	<0.1	-	**22.2**	<0.5	<0.2	<0.5	-	**0.101**	-	-	**2,080**	-
		9/12/2017	**7.8**	<1.8	**73.3**	<0.1	**16.6**	**16.6**	<0.5	<0.2	<0.5	**16.6**	**0.125**	**0.602**	**380**	**1,800**	**230**
		6/20/2018	**110**	<1.8	-	<0.1	-	**18.5**	<0.5	<0.2	<0.5	-	**0.376**	-	-	**1,900**	-
SMBRP-11	20 feet	6/22/2018	<1.8	<1.8	-	<0.1	-	**14.9**	<0.5	**1.75**	<0.5	-	**0.104**	-	-	**1,700**	-
SMBRP-12	25 feet	12/16/2015	<1.8	<1.8	<0.4	<0.1	<0.1	<0.1	<0.5	**6.41**	**5.81**	**5.81**	**1.36**	**0.923**	**426**	**2,140**	**478**
		3/15/2016	<1.8	<1.8	-	<0.1	-	<0.1	**2.9**	**5.67**	**8.57**	-	**1.43**	-	-	**2,290**	-
		9/21/2016	<1.8	<1.8	**0.6**	<0.1	**0.128**	**0.1**	<0.5	**8.85**	**8.28**	**8.28**	**0.753**	**1.25**	**871**	**7,930**	**3,140**
		3/29/2017	**6.8**	<1.8	-	<0.1	-	<0.1	<0.5	**7.60**	**7.85**	-	**1.88**	-	-	**1,610**	-
		9/13/2017	<1.8	<1.8	<0.4	<0.1	<0.1	<0.1	<0.5	**5.65**	**2.76**	**2.76**	**1.37**	**0.91**	**508**	**1,950**	**482**
		6/20/2018	**2**	<1.8	-	<0.1	-	**0.1**	<0.5	**4.25**	**3.89**	-	**1.80**	-	-	**1,580**	-
SMBRP-13	19 feet	12/15/2015	**4.5**	<1.8	-	<0.1	-	<0.1	<0.5	**0.2**	<0.5	-	**0.316**	-	-	**1,810**	-
		3/15/2016	<1.8	<1.8	-	<0.1	-	<0.1	**0.556**	**0.884**	**1.44**	-	**0.461**	-	-	**27,500**	-
		9/21/2016	<1.8	<1.8	-	<0.1	-	**0.1**	<0.5	<0.2	<0.5	-	<0.1	-	-	**3,320**	-
		3/29/2017	<1.8	<1.8	-	<0.1	-	**0.5**	<0.5	<0.2	<0.5	-	**1.61**	-	-	**4,620**	-
		9/13/2017	**2**	<1.8	-	**0.1**	-	<0.1	<0.5	**0.605**	<0.5	-	**0.283**	-	-	**6,850**	-
		6/22/2018	<1.8	<1.8	-	<0.1	-	**0.2**	<0.5	**0.316**	<0.5	-	**0.382**	-	-	**2,660**	-

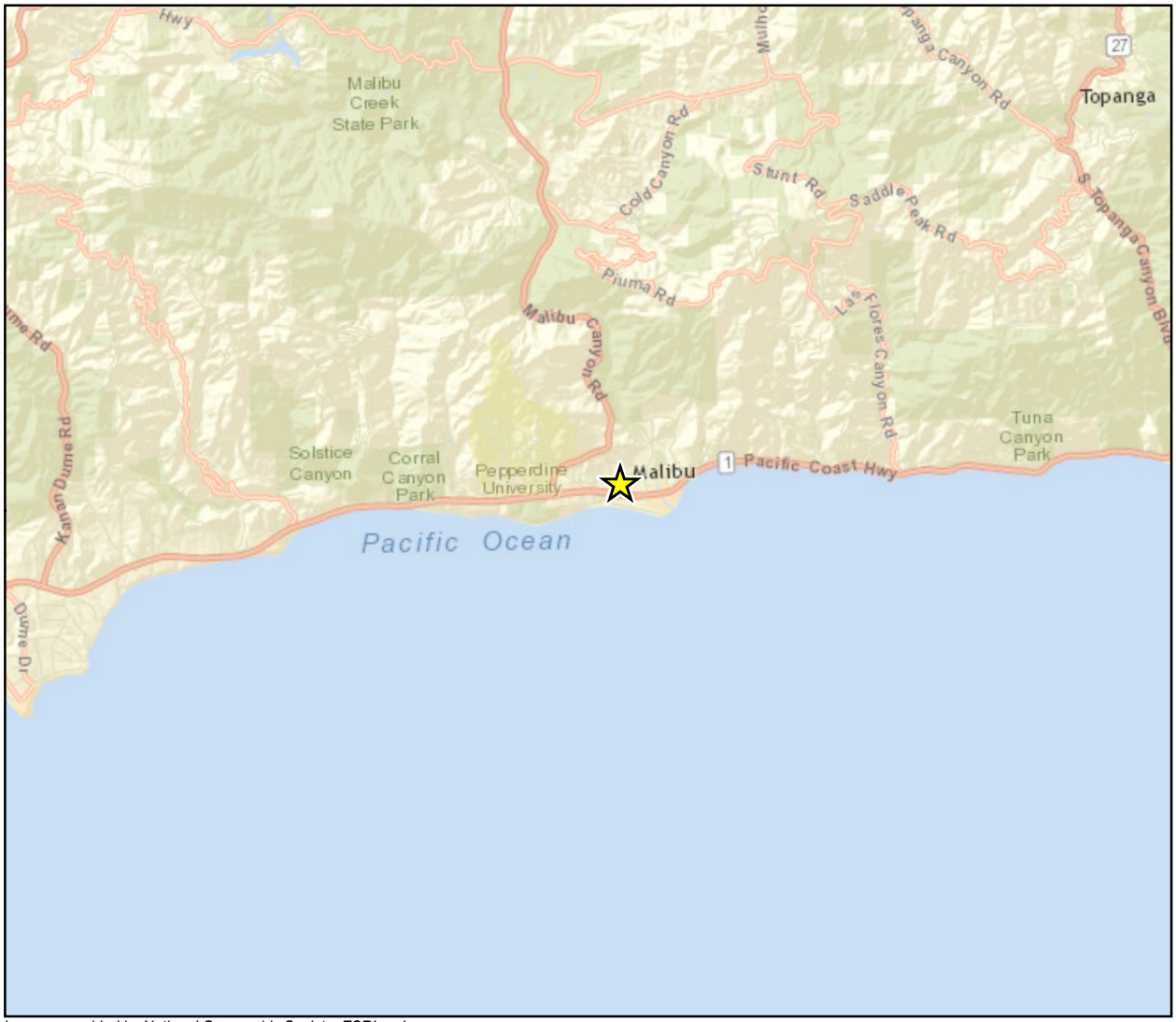
			Coliform Bacteria Analysis (MPN/100mL)		**Inorganic Analysis** (mg/L)												
Well ID	**Well Depth** (bgs)	**Sample Date**	Total	Fecal	Nitrate as NO_3	Nitrite Nitrogen	Nitrate + Nitrite as N	Nitrate Nitrogen	Nitrogen, Organic	Ammonia Nitrogen	Kjeldahl Nitrogen	Nitrogen, Total as Nitrogen	Phosphorous, Total	Boron	Sulfate	Total Dissolved Solids (TDS)	Chloride
MBCMW-09	9 feet	9/23/2015	*Well dry at time of sampling*														
		3/16/2016	**7.8**	<1.8	-	<0.1	-	<0.1	**1.82**	<0.2	**1.82**	-	**2.26**	-	-	**6,080**	-
		9/21/2016	*Well dry at time of sampling*														
		3/28/2017	**11**	**4.5**	-	<0.1	-	<0.1	**1.22**	<0.2	**1.22**	-	**0.307**	-	-	**4,980**	-
		9/13/2017	*Well dry at time of sampling*														
		6/20/2018	**2**	<1.8	-	<0.1	-	**0.2**	**1.17**	<0.2	**1.17**	-	**0.356**	-	-	**7,290**	-
MCWP-MW04S	20 feet	9/28/2015	**17**	<1.8	<0.4	<0.1	<0.1	<0.1	**1.00**	<0.2	**1.00**	**1.26**	**0.516**	**2.09**	**3440**	**6,510**	**480**
		12/15/2015	<1.8	<1.8	-	-	-	-	-	-	-	-	-	-	-	-	-
		3/16/2016	**1.8**	<1.8	-	<0.1	-	**0.2**	**1.60**	<0.2	**1.60**	-	**0.548**	-	-	**6,320**	-
		9/21/2016	<1.8	<1.8	**1.18**	<0.1	**0.3**	**0.3**	**0.60**	<0.2	**0.60**	**0.9**	**0.583**	**2.25**	**2980**	**6,750**	**744**
		3/28/2017	**33**	<1.8	-	<0.1	-	**2.0**	**1.44**	<0.2	**1.44**	-	**0.417**	-	-	**6,360**	-
		9/13/2017	<1.8	<1.8	**3**	<0.1	**0.671**	**0.7**	<0.5	<0.2	<0.5	**0.671**	**0.449**	**2.11**	**2880**	**6,380**	**791**
		6/20/2018	**2**	<1.8	-	<0.1	-	**0.5**	**0.80**	<0.2	**0.80**	-	**0.262**	-	-	**5,830**	-
MCWP-MW04D	148 feet	9/28/2015	**17**	<1.8	**6.44**	<0.1	**1.5**	**1.5**	<0.5	**0.117**	<0.5	**1.5**	**0.154**	**0.772**	**527**	**1,630**	**216**
		3/17/2016	<1.8	<1.8	-	<0.1	-	**1.7**	<0.5	<0.2	<0.5	-	<0.1	-	-	**1,600**	-
		9/22/2016	<1.8	<1.8	**8.63**	<0.1	**1.9**	**1.9**	<0.5	<0.2	<0.5	**1.9**	<0.1	**0.774**	**531**	**1,550**	**232**
		3/30/2017	**130**	<1.8	-	<0.1	-	**0.8**	<0.5	<0.2	<0.5	-	**0.795**	-	-	**232**	-
		9/15/2017	<1.8	<1.8	**8.05**	<0.1	**1.8**	**1.8**	<0.5	<0.2	<0.5	**1.8**	**0.123**	**0.866**	**554**	**1,600**	**250**
		6/21/2018	<1.8	<1.8	-	<0.1	-	**1.7**	<0.5	<0.2	<0.5	-	<0.1	-	-	**1,570**	-
MCWP-MW05	154 feet	9/23/2015	-	-	-	-	-	**2.3**	-	-	-	-	-	-	-	**1,400**	-
		3/17/2016	-	-	-	-	-	**2.1**	-	-	-	-	-	-	-	**1,400**	-
		9/22/2016	-	-	-	-	-	**2.2**	-	-	-	-	-	-	-	**1,450**	-
		3/29/2017	-	-	-	-	-	**2.4**	-	-	-	-	-	-	-	**171**	-
		9/15/2017	-	-	-	-	-	**2.4**	-	-	-	-	-	-	-	**1,410**	-
		6/21/2018	-	-	-	-	-	**2.1**	-	-	-	-	-	-	-	**1,400**	-
MCWP-MW06	138 feet	9/23/2015	-	-	-	-	-	**0.2**	-	-	-	-	-	-	-	**1,590**	-
		3/16/2016	-	-	-	-	-	**0.1**	-	-	-	-	-	-	-	**1,520**	-
		9/21/2016	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	**1,550**	-
		3/28/2017	-	-	-	-	-	**3.6**	-	-	-	-	-	-	-	**383**	-
		9/14/2017	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	**1,630**	-
		6/20/2018	-	-	-	-	-	**0.2**	-	-	-	-	-	-	-	**1,770**	-

			Coliform Bacteria Analysis (MPN/100mL)		**Inorganic Analysis** (mg/L)												
Well ID	**Well Depth** (bgs)	**Sample Date**	Total	Fecal	Nitrate as NO_3	Nitrite Nitrogen	Nitrate + Nitrite as N	Nitrate Nitrogen	Nitrogen, Organic	Ammonia Nitrogen	Kjeldahl Nitrogen	Nitrogen, Total as Nitrogen	Phosphorous, Total	Boron	Sulfate	Total Dissolved Solids (TDS)	Chloride
MCWP-MW07S	20 feet	9/22/2015	**4.5**	<1.8	**28.8**	<0.1	**6.5**	**6.5**	<0.5	<0.2	<0.5	**6.71**	**0.451**	**0.41**	**294**	**1,230**	**227**
		3/16/2016	**49**	<1.8	-	**0.24**	-	**4.8**	<0.5	<0.2	<0.5	-	**2.39**	-	-	**1,180**	-
		9/20/2016	<1.8	<1.8	**22.8**	<0.1	**5.2**	**5.2**	<0.5	<0.2	<0.5	**5.2**	**0.545**	**0.39**	**234**	**1,160**	**217**
		3/30/2017	*Well not accessible at time of sampling*														
		9/12/2017	<1.8	<1.8	**22**	<0.1	**5.0**	**5.0**	<0.5	<0.2	<0.5	**5.0**	**0.214**	**0.387**	**268**	**1,150**	**201**
		6/20/2018	**24**	<1.8	-	<0.1	-	**3.2**	**0.566**	<0.2	**0.683**	-	**0.525**	-	-	**1,150**	-
MCWP-MW07D	130 feet	9/22/2015	<1.8	<1.8	<0.4	<0.1	<0.1	<0.1	<0.5	**0.23**	<0.5	**0.524**	**0.318**	**0.476**	**1010**	**2,300**	**348**
		3/16/2016	<1.8	<1.8	-	<0.1	-	<0.1	**1.15**	<0.2	**1.15**	-	**0.239**	-	-	**2,470**	-
		9/22/2016	<1.8	<1.8	<0.4	<0.1	<0.1	<0.1	<0.5	**0.283**	<0.5	<0.5	**0.125**	**0.412**	**474**	**1,680**	**229**
		3/30/2017	*Well not accessible at time of sampling*														
		9/15/2017	**13**	<1.8	<0.4	<0.1	<0.1	<0.1	<0.5	**0.168**	<0.5	<0.5	**0.181**	**0.465**	**600**	**1,860**	**262**
		6/21/2018	**4.5**	<1.8	-	<0.1	-	**2.0**	<0.5	<0.2	<0.5	-	<0.1	-	-	**477**	-
MCWP-MW09	95 feet	12/16/2015	<1.8	<1.8	<0.4	<0.1	<0.1	<0.1	<0.5	<0.2	**1.41**	**1.41**	**0.218**	**0.74**	**590**	**2,570**	**723**
		3/15/2016	<1.8	<1.8	-	<0.1	-	<0.1	**0.84**	**2.36**	**3.2**	-	**0.355**	-	-	**2,410**	-
		9/21/2016	<1.8	<1.8	<0.4	<2	<0.1	<0.1	<0.5	**4.18**	**3.88**	**3.88**	<0.1	**0.972**	**807**	**4,920**	**1,740**
		3/29/2017	**13**	**7.8**	-	<0.1	-	**1.4**	**0.583**	<0.2	**0.731**	-	**0.336**	-	-	**1,070**	-
		9/13/2017	**2**	<1.8	<0.4	<0.1	<0.1	<0.1	<0.5	**2.8**	**1.45**	**1.48**	**0.314**	**0.853**	**655**	**3,080**	**1,090**
		6/20/2018	**9.3**	<1.8	-	<0.1	-	**0.1**	<0.5	**3.19**	**1.51**	-	**0.139**	-	-	**2,460**	-
MCWP-MW10	22 feet	9/29/2015	**2**	<1.8	-	-	-	**0.4**	<1	<0.2	<1	-	<0.1	-	-	**1,550**	-
		3/15/2016	**2**	<1.8	-	<0.1	-	**0.6**	**1.28**	<0.2	**1.28**	-	<0.1	-	-	**1,800**	-
		9/20/2016	<1.8	<1.8	-	<0.1	-	**0.7**	<0.5	<0.2	<0.5	-	<0.1	-	-	**1,730**	-
		3/29/2017	<1.8	<1.8	-	<0.1	-	**1.0**	<0.5	<0.2	<0.5	-	<0.1	-	-	**1,990**	-
		9/14/2017	**17**	<1.8	-	<0.1	-	<0.1	<0.5	<0.2	<0.5	-	<0.1	-	-	**6,720**	-
		6/22/2018	<1.8	<1.8	-	<0.1	-	**0.4**	<0.5	<0.2	<0.5	-	**1.56**	-	-	**1,990**	-
TY-MW-1	41 feet	12/15/2015	<1.8	<1.8	<0.4	<0.1	<0.1	<0.1	<0.5	**1.09**	**0.613**	**0.703**	**0.416**	**0.272**	**658**	**2,170**	**410**
		3/16/2016	<1.8	<1.8	-	<0.1	-	<0.1	**1.03**	**0.433**	**1.46**	-	**0.758**	-	-	**2,160**	-
		9/21/2016	<1.8	<1.8	**0.218**	<0.1	<0.1	<0.1	<0.5	**0.432**	<0.5	**0.516**	**1.64**	**0.286**	**610**	**2,290**	**396**
		3/29/2017	**4.5**	<1.8	-	<0.1	-	**0.1**	**3.38**	**0.310**	**3.69**	-	**6.08**	-	-	**2,140**	-
		9/14/2017	*Well not accessible at time of sampling*														
		6/20/2018	*Well replaced by SMBRP-11 for quarterly groundwater sampling*														

			Coliform Bacteria Analysis (MPN/100mL)		**Inorganic Analysis** (mg/L)												
Well ID	**Well Depth** (bgs)	**Sample Date**	Total	Fecal	Nitrate as NO_3	Nitrite Nitrogen	Nitrate + Nitrite as N	Nitrate Nitrogen	Nitrogen, Organic	Ammonia Nitrogen	Kjeldahl Nitrogen	Nitrogen, Total as Nitrogen	Phosphorous, Total	Boron	Sulfate	Total Dissolved Solids (TDS)	Chloride
CCPE	52 feet	9/23/2015	>1,600	**49**	-	-	-	**1.4**	<1	<0.2	<1	-	<0.1	-	-	**1,630**	-
		3/15/2016	**240**	**4.5**	-	<0.1	-	**0.9**	**0.664**	<0.2	**0.664**	-	<0.1	-	-	**1,800**	-
		9/20/2016	**540**	<1.8	-	<0.1	-	**0.9**	<0.5	<0.2	<0.5	-	<0.1	-	-	**2,880**	-
		3/28/2017	>1,600	**350**	-	<0.1	-	**0.6**	**3.6**	**1.11**	**4.71**	-	**0.932**	-	-	**968**	-
		9/13/2017	**17**	<1.8	-	<0.1	-	<0.1	<0.5	<0.2	<0.5	-	**0.179**	-	-	**7,700**	-
		6/22/2018	**4.5**	<1.8	-	<0.1	-	**1.6**	**1.01**	<0.2	**1.01**	-	**0.683**	-	-	**690**	-

Notes:
bgs: below ground surface
mg/L: milligrams per liter
MPN/100mL: Most Probable Number per 100 milliliter
<: below the Practical Quantitation Limit (PQL)
- : not reported

Figures



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Project Location

N

0 1 2

Miles

Vicinity Map

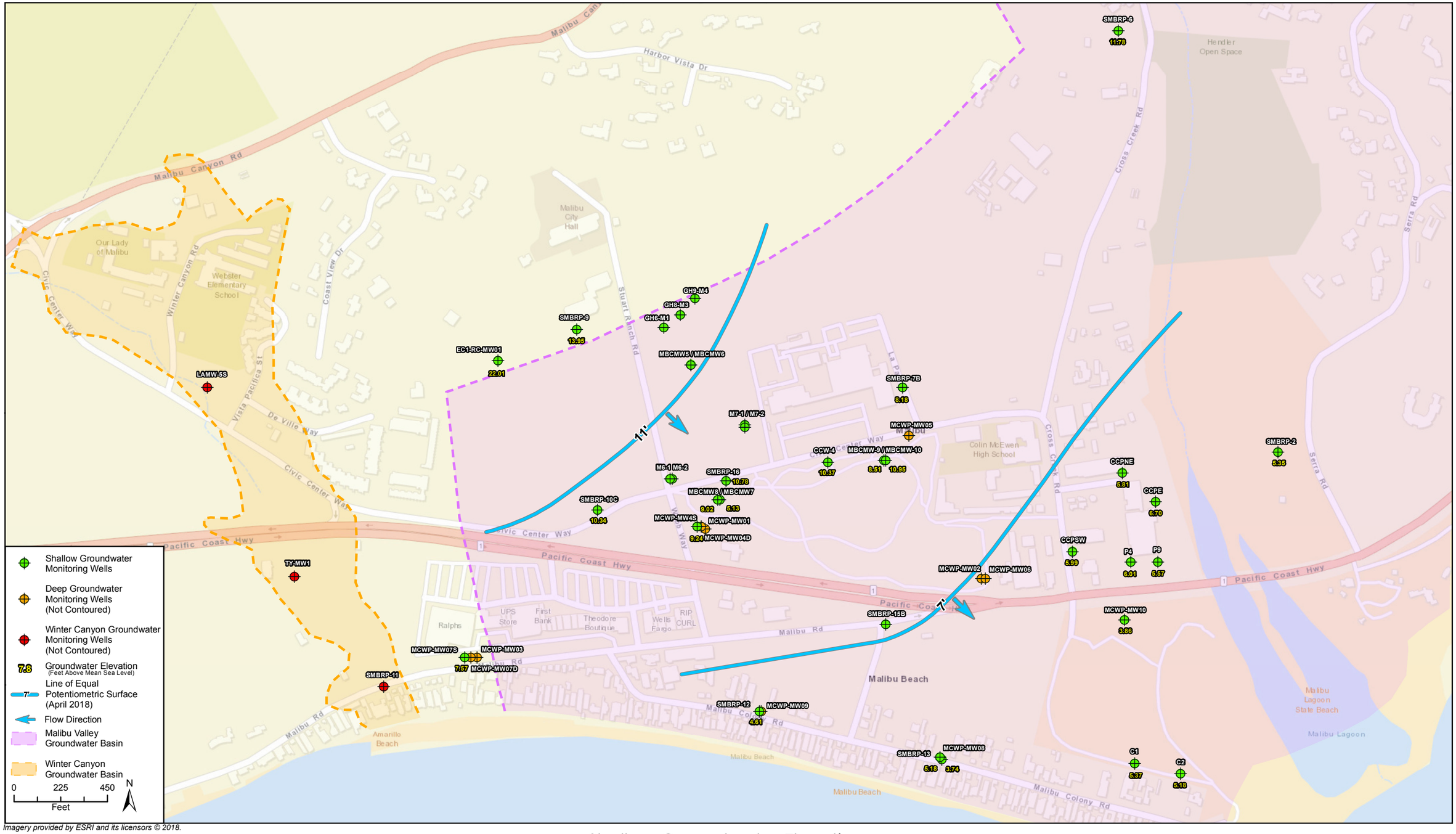
Figure 1

Imagery provided by Google and its licensors © 2018.

Site Map - Civic Center Area

Figure 2

Rincon Consultants Inc.



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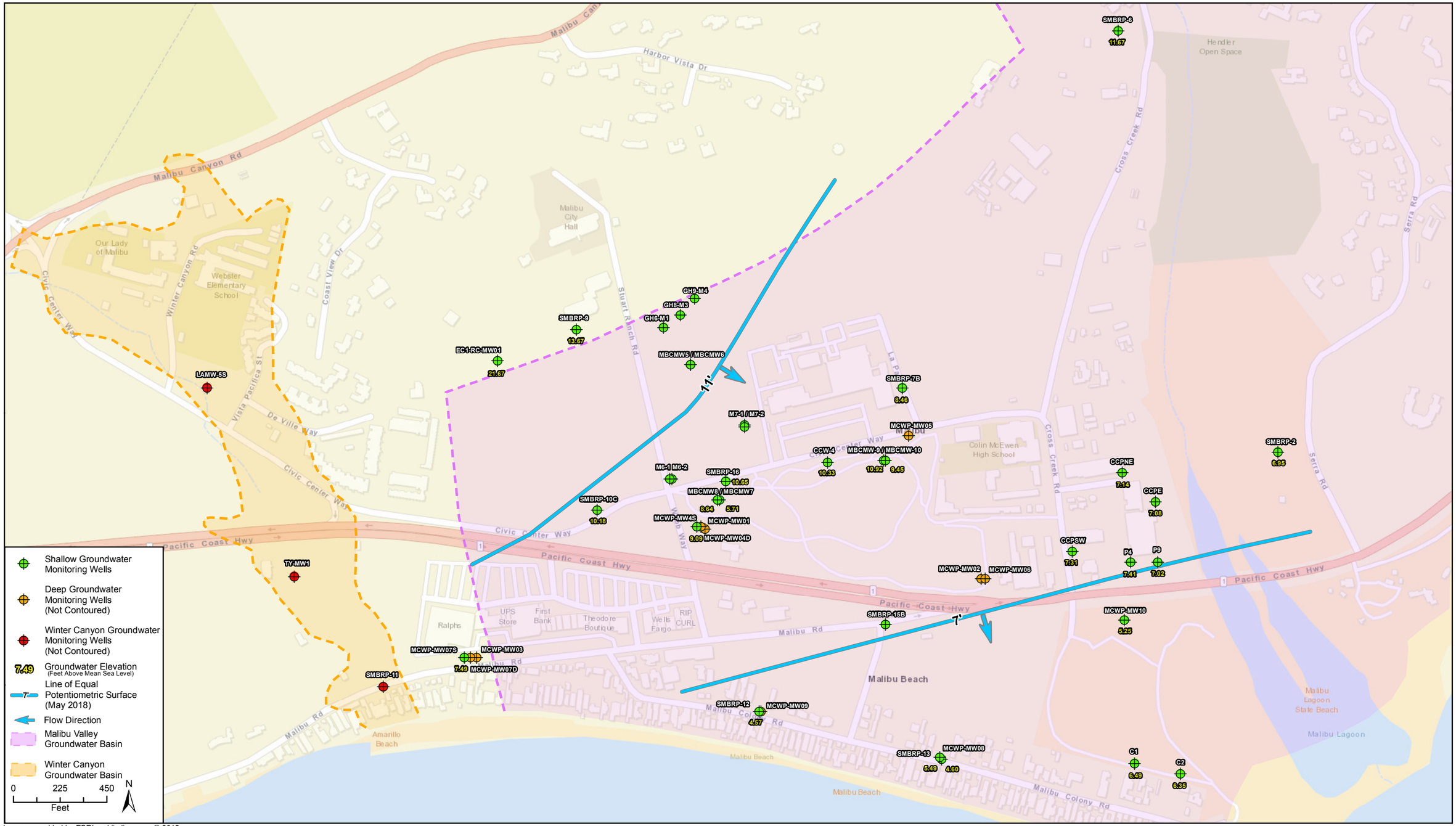
Shallow Groundwater Elevation
April 2018

Figure 3

Rincon Consultants Inc.



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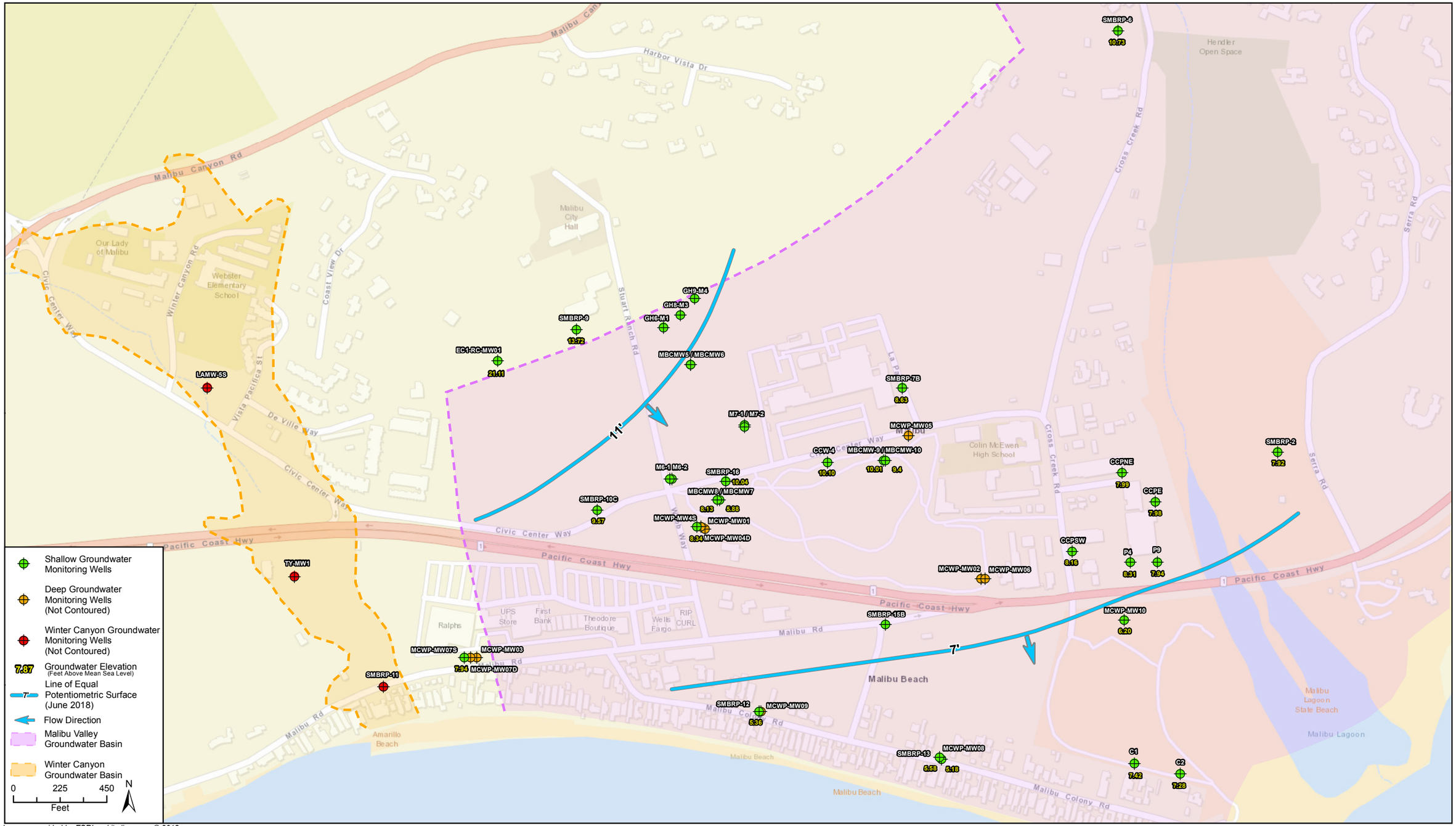
Shallow Groundwater Elevation
May 2018

Figure 4



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Shallow Groundwater Elevation
June 2018

Figure 5

Rincon Consultants Inc.

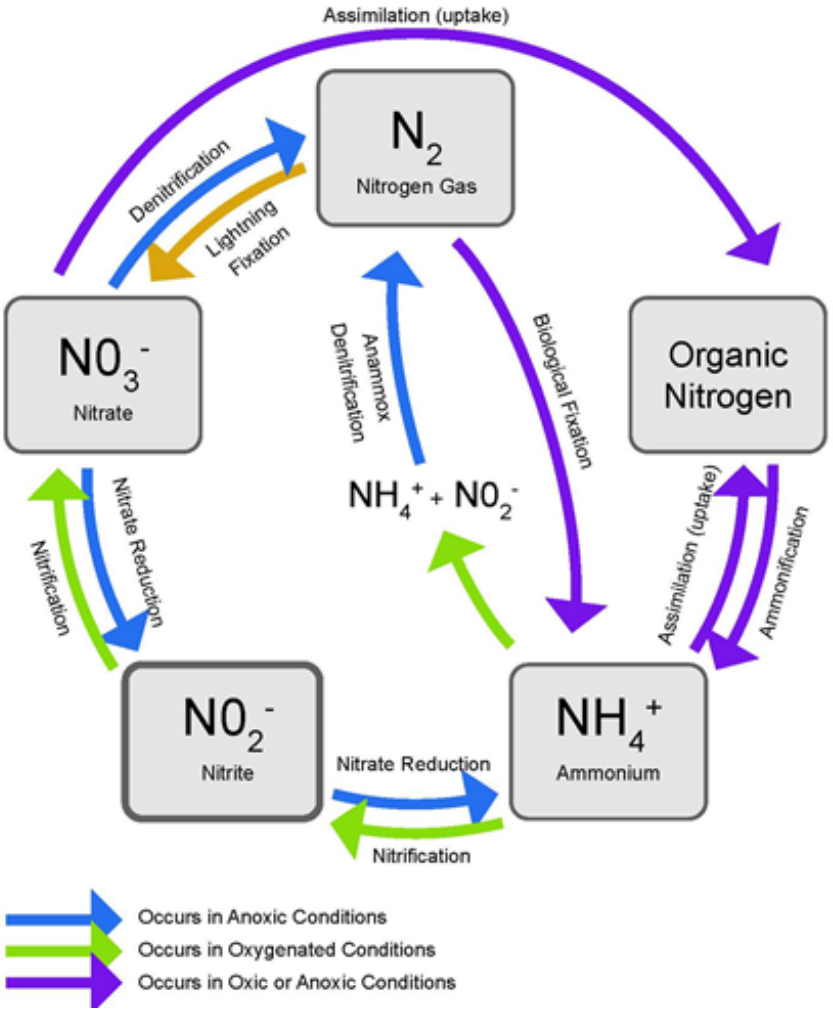
Assimilation (uptake)
N_2
Nitrogen Gas
Denitrification
Lightning Fixation
NO_3^-
Nitrate
Anammox Denitrification
Biological Fixation
Organic Nitrogen
$NH_4^+ + NO_2^-$
Nitrate Reduction
Nitrification
Assimilation (uptake)
Ammonification
NO_2^-
Nitrite
Nitrate Reduction
NH_4^+
Ammonium
Nitrification
Occurs in Anoxic Conditions
Occurs in Oxygenated Conditions
Occurs in Oxic or Anoxic Conditions

Figure 6

Appendix A

Groundwater and Surface Water Field Sheets

Table 1

Groundwater Monitoring Well Construction

	Well ID	Total Well Depth (ft bTOC)	Well Diameter (in)	TOC Elevation (ft amsl)	Depth to Water 4/23/2018	Time	Depth to Water 8/24/2015 (ft bTOC)
1	C-1	14.5	n/a	11.47	6.10	1230	n/a
2	C-2	14.5	2	11.19	6.01	1234	5.11
3	CCPE	20	2	12.935	6.24	1012	5.76
4	CCPNE		2	13.675	7.97	1015	6.44
5	CCPSW		2	13.67	7.63	1019	6.29
6	CCW-4		1	15.765	5.40	0924	6.5
7	GH6-M1	35	2		27.76	1115	28.92
8	GH8-M3	40	2		27.14	1118	28.37
9	GH9-M4	45	2		29.12	1120	30.31
10	Lagoon		n/a		—	—	n/a
11	LAMW-5S	20	4	104.55	54.20	0915	53.71
12	M6-1	45	2		6.70	1105	6.61
13	M6-2	20	2		4.65	1110	5.76
14	M7-1	40	2		7.41	1109	8.09
15	M7-2	25	2		6.75	1102	7.78
16	MBCMW-5	19.4	n/a	29.03	—	—	n/a
17	MBCMW-6	64.26	n/a	29.02	—	—	n/a
18	MBCMW-7	52.5	2	16.635	11.51	0920	11.26
19	MBCMW-8	10	2	16.53	7.51	0919	9.11
20	MBCMW-9	10	2	17.71	9.20	0932	8.7
21	MBCMW-10	53	2	17.74	6.79	0934	8.63
22	MCWP-MW01	148	6		11.19	1043	10.22
23	MCWP-MW02	145	6	18.06	11.09	1035	10.39
24	MCWP-MW03	134	6		9.21	1048	7.65
25	MCWP-MW04D	148	4		10.41	1042	9.35
26	MCWP-MW04S	20	4		6.05	1040	7.55
27	MCWP-MW05	158	4		8.18	0927	7.62
28	MCWP-MW06	153	2		10.67	1037	9.87

28	MCWP-MW06	153	2		10.67	1027	9.87
29	MCWP-MW07D	134	2		9.07	1049	7.51
30	MCWP-MW07S	20	2		6.15	1050	6.76
31	MCWP-MW08	77	2		8.47	1158	7.64
32	MCWP-MW09	95	2	16.3	~~9.20~~ 6.90	~~0932~~ 1154	7.52
33	MCWP-MW10	60	2		~~6.79~~ 7.25	~~0934~~ 1240	5.7
34	P-4	12.5	4	12.155	6.15	1008	4.58
35	P-9	14.3	4	12.165	6.60	1009	5.07
36	SMBRP-2	25	2	13.131	7.79	1004	6.04
37	SMBRP-6	25	2	26.875	15.10	0955	16.49
38	SMBRP-7b	45	2	18.985	10.81	0929	10.69
39	SMBRP-8 (EG-RC	60	4		26.68	0900	28.74
40	SMBRP-9	45	2	50.32	36.37	0855	38.24
41	SMBRP-10C	25	2	16.25	5.91	0905	7.37
42	SMBRP-11	20	2	18.35	8.95	1053	8.88
43	SMBRP-12	25	2	12.615	9.01	1155	5.69
44	SMBRP-13	20	2	13.58	8.40	1200	8.32
45	SMBRP-15b	25	1	16.765	DRY	1204	dry, recorded depth ~~8.77~~ 8.30
46	SMBRP-16	25	2	14.5	3.72	0918	4.95

Table 1

Groundwater Monitoring Well Construction

	Well ID	Total Well Depth (ft bTOC)	Well Diameter (in)	TOC Elevation (ft amsl)	Depth to Water 5/10/2018	Time	Depth to Water 8/24/2015 (ft bTOC)
1	C-1	14.5	4	11.47	4.90	1213	n/a
2	C-2	14.5	4	11.19	4.84	1216	5.11
3	CCPE	20	2	12.935	5.86	0940	5.76
4	CCPNE		2	13.675	6.54	0945	6.44
5	CCPSW		2	13.67	6.36	0954	6.29
6	CCW-4		1	15.765	5.44	0850	6.5
7	GH6-M1	35	2		27.65	1111	28.92
8	GH8-M3	40	2		27.08	1112	28.37
9	GH9-M4	45	2		29.07	1114	30.31
10	Lagoon		n/a		N/A	—	n/a
11	LAMW-5S	20	4	104.55	54.59	0940	53.71
12	M6-1	45	2		6.20	1102	6.61
13	M6-2	20	2		4.56	1103	5.76
14	M7-1	40	2		7.30	1054	8.09
15	M7-2	25	2		6.64	1053	7.78
16	MBCMW-5	19.4	n/a	29.03	N/A	—	n/a
17	MBCMW-6	64.26	n/a	29.02	N/A	—	n/a
18	MBCMW-7	52.5	2	16.635	10.93	0823	11.26
19	MBCMW-8	10	2	16.53	7.39	0824	9.11
20	MBCMW-9	10	2	17.71	6.79	0902	8.7
21	MBCMW-10	53	2	17.74	8.29	0903	8.63
22	MCWP-MW01	148	6		10.26	1043	10.22
23	MCWP-MW02	145	6	18.06	10.16	1010	10.39
24	MCWP-MW03	134	6		8.10	1021	7.65
25	MCWP-MW04D	148	4		9.49	1042	9.35
26	MCWP-MW04S	20	4		6.20	1041	7.55
27	MCWP-MW05	158	4		7.36	0905	7.62
28	MCWP-MW06	153	2		9.67	1008	9.87
29	MCWP-MW07D	134	2		7.98	1019	7.51
30	MCWP-MW07S	20	2		6.23	1018	6.76
31	MCWP-MW08	77	2		7.61	1137	7.64
32	MCWP-MW09	95	2	16.3	6.04	1124	7.52
33	MCWP-MW10	60	2		5.86	1230	5.7
34	P-4	12.5	4	12.155	4.75	0935	4.58
35	P-9	14.3	4	12.165	5.15	0936	5.07
36	SMBRP-2	25	2	13.131	6.18	0928	6.04
37	SMBRP-6	25	2	26.875	15.21	0914	16.49
38	SMBRP-7b	45	2	18.985	10.53	0956	10.69
39	SMBRP-8 (EG-RC	60	4		27.02	0758	28.74
40	SMBRP-9	45	2	50.32	36.65	0750	38.24
41	SMBRP-10C	25	2	16.25	6.07	0835	7.37
42	SMBRP-11	20	2	18.35	9.04	1029	8.88
43	SMBRP-12	25	2	12.615	8.05	1125	5.69
44	SMBRP-13	20	2	13.58	~~7.6~~ 9.09	1136	8.32
45	SMBRP-15b *	25	1	16.765	DRY	1205	TD = 8.30
46	SMBRP-16	25	2	14.5	3.85	0827	4.95

*Dry, recorded depth 8.77

Malibu Civic Center Quartly Surface Water Sampling
Field Data Sheet 15-01538

Date: 5/25/18 Sampled By: JM / JP

Jan-Mar (Apr-Jun) July-Sep Oct-Dec (Circle appropriate)

Estuary (Circle appropriate)
Berm: open / closed

General Weather Conditions
partly cloudy
30% cloud cover

General Wind Conditions
≥5 North Northwest lagoon / >5 North beach

Daily Tides: **Low** Time: 1200 Feet: **High** Time: Feet:

Location	Time	Sea State	Water Clarity	Water Color	Odors	Floatables	Birds/ wildlife	Photos Taken
		calm	clear	clear	none	none	Type & # land, # water	Y/N
		rough	cloudy	red	rotten eggs	sheen		
			muddy	brown	sewage	oily		
			milky	yellow	chlorine	garbage		
				gray	ammonia	sewage		
N-001	1230	wind chop/ rough	clear	clear	none	none	∅	Y
N-002	1215	~~wind chop calm~~/ rough	clear	clear	none	~~algae~~	∅	Y
N-003	1155	~~wind chop calm~~/ rough	clear	clear	none	none	∅	Y
N-004	1330	wind chop/ rough	clear	clear	none	none	∅	Y
L-001	1045	N/A	cloudy	clear	rotten eggs	none	Bullfrog	Y
L-002	1020	N/A	cloudy	clear	none	none	∅	Y
L-003	1105	N/A	cloudy	clear	(little) rotten eggs	none	∅	Y
L-004	1120	N/A	cloudy	clear	none	none	terns ∅	Y
L-005	1300	calm	cloudy	clear/ yellow	none	wood debri/ foam	∅	Y
L-006	1145	N/A	cloudy	clear/ yellow	none	none	∅	Y

Table 1

Groundwater Monitoring Well Construction

	Well ID	Total Well Depth (ft bTOC)	Well Diameter (in)	TOC Elevation (ft amsl)	Depth to Water 6/19/2018	Time	Depth to Water 8/24/2015 (ft bTOC)	TOTAL DEPTH
1	C-1	14.5	n/a	11.47	4.05	0918	n/a	
2	C-2	14.5	2	11.19	3.91	0920	5.11	
3	CCPE	20	2	12.935	4.96	0858	5.76	52.25
4	CCPNE		2	13.675	5.69	0901	6.44	
5	CCPSW		2	13.67	5.51	0848	6.29	
6	CCW-4		1	15.765	5.67	0750	6.5	
7	GH6-M1	35	2		27.72	1038	28.92	
8	GH8-M3	40	2		27.13	1034	28.37	
9	GH9-M4	45	2		29.09	1031	30.31	
10	Lagoon		n/a				n/a	
11	LAMW-5S	20	4	104.55	54.60	1121	53.71	73.95
12	M6-1	45	2		5.03	1044	6.61	
13	M6-2	20	2		6.20	1044	5.76	
14	M7-1	40	2		7.37	1026	8.09	
15	M7-2	25	2		6.98	1026	7.78	
16	MBCMW-5	19.4	n/a	29.03	—	—	n/a	
17	MBCMW-6	64.26	n/a	29.02	—	—	n/a	
18	MBCMW-7	52.5	2	16.635	10.76	0743	11.26	
19	MBCMW-8	10	2	16.53	8.40	0744	9.11	
20	MBCMW-9	10	2	17.71	7.70	0806	8.7	8.96
21	MBCMW-10	53	2	17.74	8.34	0806	8.63	
22	MCWP-MW01	148	6		~~27.58~~ 10.31	0942	10.22	
23	MCWP-MW02	145	6	18.06	10.18	0930	10.39	
24	MCWP-MW03	134	6		8.48	0950	7.65	
25	MCWP-MW04D	148	4		9.56	0944	9.35	145.33
26	MCWP-MW04S	20	4		6.95	~~0802~~ 0944	7.55	20.39
27	MCWP-MW05	158	4		7.43	0802	7.62	150.75
28	MCWP-MW06	153	2		9.71	0932	9.87	136.78
29	MCWP-MW07D	134	2		8.44	0951	7.51	128.60
30	MCWP-MW07S *	20	2		5.78	1455	6.76	17.16
31	MCWP-MW08	77	2		7.03	1102	7.64	
32	MCWP-MW09	95	2	16.3	~~7.26~~ 6.01	1057	7.52	~~24.94~~ 89.20
33	MCWP-MW10	60	2		4.91	0912	5.7	21.87
34	P-4	12.5	4	12.155	3.85	0851	4.58	
35	P-9	14.3	4	12.165	4.23	0853	5.07	
36	SMBRP-2	25	2	13.131	5.21	0832	6.04	
37	SMBRP-6	25	2	26.875	16.15	0840	16.49	
38	SMBRP-7b	45	2	18.985	10.36	0757	10.69	24.91
39	SMBRP-8 (EG-RC	60	4		27.58	0735	28.74	
40	SMBRP-9	45	2	50.32	36.60	0730	38.24	44.86
41	SMBRP-10C	25	2	16.25	6.68	1114	7.37	
42	SMBRP-11 *	20	2	18.35	8.00	1345	8.88	20.35
43	SMBRP-12	25	2	12.615	~~6.01~~ 7.26	1055	5.69	~~89.20~~ 24.94
44	SMBRP-13	20	2	13.58	8.00	1103	8.32	19.45
45	SMBRP-15b	25	1	16.765			dry, recorded depth 8.77	8.49
46	SMBRP-16	25	2	14.5	4.46	0745	4.95	

* PARKED OVER – First Thing 6/19/18

Ty-MW1 2 54.10 1010 80.31

Rincon Consultants, Inc.

GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587	Date: 6/19/18
Project/Location Malibu, CA Civic Center Area	Well Number: MCWP-MW04S
Observation Period Start: 1353 Stop: 1406	Survey Reference Point: TOC
Sampled By: Peter ~~Shellenbarger~~ DORAN	Witnessed By: MC

PURGING DATA

Type of Pump	ELECTRIC SUBMERSIBLE	Pump Inlet Depth (ft)	19.5
Well Diameter (in)	4 in	Depth of Well (ft)	20.39
Initial/Static Depth to Water (ft)	6.95	Length of Water Column (ft)	13.44
Product Thickness (ft)	———	Volume Multiplier (gal/ft)	0.65
One Casing Volume (gal)	8.736	Three Casing Volumes (gal)	26.208
Purge Time, Start	1400	Purge Time, Stop	1406
Total Purge Time (minutes)	6 min	Purge Rate (gpm)	1.4
Purge Volume (gal)	10	Depth to Water (ft) at Sampling	7.78

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	9.0	10gal					At Sampling
TDS (ppm)	5010	4456	well					>2000
Turbidity (measured or visual) cloudy, clear, muddy	52.9 NTU	9.20 NTU	dewatered					7.31 NTU
Temperature (C)	23.8	23.1						24.5
Conductivity (micromhos) uS	7571	6628						5.91 mS
pH	7.16	7.03						7.1
Dissolved Oxygen (mg/L & %)	8.45	8.66						2.94
Comments:								33.8%
				Depth to Water at End of Purge (ft)	19.50			
				Drawdown (ft)	12.55			

MISCELLANEOUS DATA

Condition of Traffic Box:	GOOD
Drum Identification labeling:	Non-Hazardous Waste
Water Level Indicator:	Solinst Model 101
Weather Conditions:	OVERCAST.

Comments: Sampled at: 1205 6/20/18

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

6.95 + 0.2 * 12.55 = 9.46

Rincon Consultants, Inc.

GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587	Date: 6.21.18
Project/Location Malibu, CA Civic Center Area	Well Number: MCWP-MW04D
Observation Period Start: 1125 Stop: 1400	Survey Reference Point: TOC
Sampled By: Peter ~~Shellenbarger~~ Doran	Witnessed By:

PURGING DATA

Type of Pump	Grundfos	Pump Inlet Depth (ft)	—
Well Diameter (in)	4	Depth of Well (ft)	145.33
Initial/Static Depth to Water (ft)	9.56	Length of Water Column (ft)	135.77
Product Thickness (ft)	N/A	Volume Multiplier (gal/ft)	0.65
One Casing Volume (gal)	88.25	Three Casing Volumes (gal)	264.75
Purge Time, Start	1126	Purge Time, Stop	1350
Total Purge Time (minutes)	144	Purge Rate (gpm)	1.8
Purge Volume (gal)	265	Depth to Water (ft) at Sampling	9.20

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	88	176	265				At Sampling
TDS (ppm)	1118	1177	1185	1179				
Turbidity (measured or visual) cloudy, clear, muddy	6.93	2.08	2.01	1.32				
Temperature (C)	20.8	21.0	21.6	21.0				
Conductivity (~~microhos~~) MS	1.89	1.99	2.01	2.00				
pH	7.18	7.14	7.20	7.16 ~~7.17~~				
Dissolved Oxygen (mg/L & %)	1.02/11.2	1.18/13.1	1.10/12.1	0.98/10.8				
Comments:								
Depth to Water at End of Purge (ft)				9.60				
Drawdown (ft)				0.04				

MISCELLANEOUS DATA

Condition of Traffic Box:	Good
Drum Identification labeling:	**Non-Hazardous Waste**
Water Level Indicator:	**Solinst Model 101**
Weather Conditions:	Overcast

Comments: Sampled at: 1350

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

9.56 + 0.2 * 0.04 = 9.56

Rincon Consultants, Inc.

GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587	Date: 6-21-15
Project/Location Malibu, CA Civic Center Area	Well Number: MCWP-MW05
Observation Period Start: 0820 Stop: 1130	Survey Reference Point: (TOC)
Sampled By: Peter ~~Shellenberger~~ DORIN	Witnessed By: —

PURGING DATA

Type of Pump	GRUNDFOS	Pump Inlet Depth (ft)	—
Well Diameter (in)	4	Depth of Well (ft)	150.75
Initial/Static Depth to Water (ft)	7.43	Length of Water Column (ft)	143.32
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.65
One Casing Volume (gal)	93.15	Three Casing Volumes (gal)	279.47
Purge Time, Start	0828	Purge Time, Stop	1100
Total Purge Time (minutes)	92 127	Purge Rate (gpm)	2.3
Purge Volume (gal)	279.5	Depth to Water (ft) at Sampling	7.40

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	93.5	186.5	279.5				At Sampling
TDS (ppm)	1047	1053	1052	1058				
Turbidity (measured or visual) cloudy, clear, muddy	Clear	1.0	0.66	0.55				
Temperature (C)	19.2	20.9	20.5	20.8				
Conductivity (~~micromhos~~) mS	1.79mS	1.80	1.80	1.80				
pH	7.22	7.22	7.25	7.31				
Dissolved Oxygen (mg/L & %)	1.21 / 13.4%	0.97 / 11.2	0.76 / 8.4	0.76 / 9.3				
Comments:								
Depth to Water at End of Purge (ft)				7.50				
Drawdown (ft)				0.07				

MISCELLANEOUS DATA

Condition of Traffic Box:

Drum Identification labeling: **Non-Hazardous Waste**

Water Level Indicator: **Solinst Model 101**

Weather Conditions:

Comments: Sampled at: 1100

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

7.43 + 0.2 * 0.07 = 7.44

Rincon Consultants, Inc.

GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587	Date: 6/20/18
Project/Location Malibu, CA Civic Center Area	Well Number: MCWP-MW06
Observation Period Start: 0743 Stop: 0907	Survey Reference Point: TOC
Sampled By: Peter ~~Shollenbarger~~ DORAN	Witnessed By: Michelle, Ryan, JACK

PURGING DATA

Type of Pump	GRUNFOS	Pump Inlet Depth (ft)	—
Well Diameter (in)	2 in	Depth of Well (ft)	136.78
Initial/Static Depth to Water (ft)	~~9.71~~ 9.43	Length of Water Column (ft)	~~127.07~~ 127.35
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	~~20.33~~ 20.38	Three Casing Volumes (gal)	~~60.99~~ 61.128
Purge Time, Start	0806 / 0835 / 0858	Purge Time, Stop	0821 / 0856 / 0907
Total Purge Time (minutes)	61	Purge Rate (gpm)	1.0
Purge Volume (gal)	61	Depth to Water (ft) at Sampling	~~9.69~~ 9.43

* generator stopped

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	20 gal	40 gal	61 gal				At Sampling
TDS (ppm)	1393	1405	1409	1405				—
Turbidity (measured or visual) cloudy, clear, muddy	11 NTU	17.9 NTU	3.23 NTU	2.13 NTU				—
Temperature (C)	19.9	20.5	20.3	20.3				—
Conductivity (micromhos) mS	2.34	2.36	2.38	2.37				—
pH	7.25	7.43	7.45	7.41				—
Dissolved Oxygen (mg/L & %)	2.24	2.43	0.65	0.94				—
Comments:	28.0%	32.4%	7.6%	10.7%				—
Depth to Water at End of Purge (ft)				9.45				
Drawdown (ft)				0.02				

MISCELLANEOUS DATA

Condition of Traffic Box:	Good
Drum Identification labeling:	**Non-Hazardous Waste**
Water Level Indicator:	**Solinst Model 101**
Weather Conditions:	overcast 61°F

Comments: Sampled at: 0907

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

9.43 + 0.2 * 0.02 = 9.43

Rincon Consultants, Inc.

GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587	Date: 6/19/18
Project/Location Malibu, CA Civic Center Area	Well Number: MCWP-MW07S
Observation Period Start: 1457 Stop: 1505	Survey Reference Point: TOC
Sampled By: Peter ~~Shellenbarger~~ DORAN	Witnessed By: MC

PURGING DATA

Type of Pump	ELECTRIC SUBMERSIBLE	Pump Inlet Depth (ft)	16.5
Well Diameter (in)	2in	Depth of Well (ft)	17.16
Initial/Static Depth to Water (ft)	5.78	Length of Water Column (ft)	11.38
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	1.82	Three Casing Volumes (gal)	5.46
Purge Time, Start	1457	Purge Time, Stop	1502
Total Purge Time (minutes)	5min	Purge Rate (gpm)	0.5
Purge Volume (gal)	2	Depth to Water (ft) at Sampling	5.84

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	2 gal					At Sampling
TDS (ppm)	1257	1037	Dewatered				1236
Turbidity (measured or visual) cloudy, clear, muddy	>1000	745 AU	@ 3gal				51.9 NTU
Temperature (C)	23.7	20.8	|				22.6
Conductivity (micromhos) uS	1877	1480	|				2.04
pH	7.02	7.07	|				7.50
Dissolved Oxygen (mg/L & %)	8.65	9.52	|				2.86
Comments:							28.1%
				Depth to Water at End of Purge (ft)	16.5		
				Drawdown (ft)	10.72		

MISCELLANEOUS DATA

Condition of Traffic Box: 2/2 TAPS Broken

Drum Identification labeling: **Non-Hazardous Waste**

Water Level Indicator: **Solinst Model 101**

Weather Conditions: OVERCAST

Comments: Sampled at: 1253

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

5.78 + 0.2 * 10.72 = 7.92

Rincon Consultants, Inc.

GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587	Date: 6.21-18
Project/Location Malibu, CA Civic Center Area	Well Number: MCWP-MW07D
Observation Period Start: ~~1402~~ 0705 Stop:	Survey Reference Point: TOC
Sampled By: Peter ~~Shellenbarger~~ DORAN	Witnessed By: MC, RS, JN

PURGING DATA

Type of Pump	GRUNDFOS	Pump Inlet Depth (ft)	110
Well Diameter (in)	2	Depth of Well (ft)	128.60
Initial/Static Depth to Water (ft)	8.44	Length of Water Column (ft)	120.16
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	19.2	Three Casing Volumes (gal)	57.7
Purge Time, Start	0709	Purge Time, Stop	0805
Total Purge Time (minutes)	56	Purge Rate (gpm)	
Purge Volume (gal)	59.0	Depth to Water (ft) at Sampling	

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4 inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	19.5	38.5	58.0				At Sampling
TDS (ppm)	1747	1814	1849	1860	—			1855
Turbidity (measured or visual) cloudy, clear, muddy	44.1	2.75	0.52	0.48	—			0.85
Temperature (C)	21.0	21.0	21.2	21.1	—			21.1
Conductivity (~~micromhos~~ mS)	2.89	3.03	3.08	3.12	—			3.09
pH	7.20	7.17	7.14	7.13	—			7.12
Dissolved Oxygen (mg/L & %)	1.32 /15.8	0.84/9.3%	0.88/4.5	0.94/9.4	—			0.92/9.6
Comments:								
Depth to Water at End of Purge (ft)								
Drawdown (ft)				0.15				

MISCELLANEOUS DATA

Condition of Traffic Box: 2/2. TABS BROKEN.

Drum Identification labeling: **Non-Hazardous Waste**

Water Level Indicator: **Solinst Model 101**

Weather Conditions: 63°, Cloudy

Comments: Sampled at: 0805

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

8.44 + 0.2 * 0.15 = 8.47

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GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587	Date: 6.20.18
Project/Location Malibu, CA Civic Center Area	Well Number: MCWP-MW09
Observation Period Start: 1010 Stop: 1047	Survey Reference Point: TOC
Sampled By: ~~Peter Shellenberger~~ RYAN	Witnessed By: MC, R, JW

PURGING DATA

Type of Pump	GRUNFOS	Pump Inlet Depth (ft)	85
Well Diameter (in)	2 in	Depth of Well (ft)	89.20
Initial/Static Depth to Water (ft)	5.95	Length of Water Column (ft)	83.25
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	13.32	Three Casing Volumes (gal)	39.96
Purge Time, Start	1018	Purge Time, Stop	1047
Total Purge Time (minutes)	29	Purge Rate (gpm)	1.3
Purge Volume (gal)	39	Depth to Water (ft) at Sampling	6.12

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	13	26	39				At Sampling
TDS (ppm)	1474	>2000	>2000	>2000	→			4.14
Turbidity (measured or visual) cloudy, clear, muddy	46.1 NTU	610 AU	33 NTU	11.7	→			
Temperature (C)	22.5	22.4	21.9	21.6	→			24.1
Conductivity (micromhos) mS	2.5	3.59	3.64	3.6	→			7.81
pH	7.4	7.31	7.43	7.42	→			6.87
Dissolved Oxygen (mg/L & %)	2.09	0.78	1.08	0.51	→			1.95
Comments:	24.1%	8.6%	12.8%	5.8%	→			23.6%
Depth to Water at End of Purge (ft)				6.86				
Drawdown (ft)				0.93				

MISCELLANEOUS DATA

Condition of Traffic Box: Good

Drum Identification labeling: **Non-Hazardous Waste**

Water Level Indicator: **Solinst Model 101**

Weather Conditions: Overcast

Comments: Sampled at: 1043

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

5.95 + 0.2 * 0.93 = 6.13

1043 - SAMP

Rincon Consultants, Inc.

GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587	Date: 6.22.18
Project/Location Malibu, CA Civic Center Area	Well Number: MCWP-MW10
Observation Period Start: 0815 Stop: 0840	Survey Reference Point: TOC
Sampled By: Peter ~~Shellenberger~~ DORAN	Witnessed By: R JW.

PURGING DATA

Type of Pump	HAND BAILER	Pump Inlet Depth (ft)	HAND BAIL
Well Diameter (in)	2	Depth of Well (ft)	21.87
Initial/Static Depth to Water (ft)	5.04	Length of Water Column (ft)	16.83
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	2.7	Three Casing Volumes (gal)	8.1
Purge Time, Start	0820	Purge Time, Stop	0830
Total Purge Time (minutes)	10	Purge Rate (gpm)	0.85
Purge Volume (gal)	8.5	Depth to Water (ft) at Sampling	5.04

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	3.0	6.0	8.5				At Sampling
TDS (ppt ~~ppm~~)	~~1.07~~	1.40	1.43	1.42				
Turbidity (measured or visual) cloudy, clear, muddy	4.66	50.1	100	614				
Temperature (C)	22.1	21.3	21.2	21.2				
Conductivity (~~micromhos~~) MS	2.02	2.66	2.69	2.68				
pH	7.35	7.05	7.10	7.13				
Dissolved Oxygen (mg/L & %)	1.67/19.0	1.53/16.5	2.10/23.5	2.46/26.9				
Comments:								
Depth to Water at End of Purge (ft)				5.04				
Drawdown (ft)				0				

MISCELLANEOUS DATA

Condition of Traffic Box:	1/2 TABS BROKEN
Drum Identification labeling:	**Non-Hazardous Waste**
Water Level Indicator:	**Solinst Model 101**
Weather Conditions:	OVERCAST.

Comments: Sampled at: 0835

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

5.04 + 0.2 * 0 = 5.04

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GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587	Date: 6/20/18
Project/Location Malibu, CA Civic Center Area	Well Number: SMBRP-7B
Observation Period Start: 0920 Stop: 0945	Survey Reference Point: (TOC)
Sampled By: Peter ~~Sheilenberger~~ DORN	Witnessed By: -

PURGING DATA

Type of Pump	HAND BAIL	Pump Inlet Depth (ft)	N/A
Well Diameter (in)	2in	Depth of Well (ft)	24.91
Initial/Static Depth to Water (ft)	10.36	Length of Water Column (ft)	14.55
Product Thickness (ft)	———	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	2.32	Three Casing Volumes (gal)	7
Purge Time, Start	0922	Purge Time, Stop	0945
Total Purge Time (minutes)	23	Purge Rate (gpm)	03
Purge Volume (gal)	7	Depth to Water (ft) at Sampling	1182

NEEDS TO RECHARGE

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	2½	5	7				At Sampling
TDS (ppm)	932	1529	1788	1858				1.99
Turbidity (measured or visual) cloudy, clear, muddy	13.0NTU	116NTU	75NTU	994 AU				32.1
Temperature (C)	22.0	22.0	21.0	21.0				23.4
Conductivity (micromhos) MS	1.59	2.56	2.98	3.09				3.76
pH	7.11	7.14	7.19	7.22				7.05
Dissolved Oxygen (mg/L & %)	0.87	1.23	1.41	1.63				2.67
Comments:	10.0%	13.9%	16.6%	17.7%				30.5%
Depth to Water at End of Purge (ft)				17.66				
Drawdown (ft)				7.30				

MISCELLANEOUS DATA

Condition of Traffic Box: HOOD, CRACKED APRON

Drum Identification labeling: **Non-Hazardous Waste**

Water Level Indicator: **Solinst Model 101**

Weather Conditions: OVERCAST.

Comments: Sampled at: 1233

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

10.36 + 0.2 * 7.3 = 11.82

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GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587	Date: 6.19.18
Project/Location Malibu, CA Civic Center Area	Well Number: SMBRP-9
Observation Period Start: 1255 Stop: 1310	Survey Reference Point: (TOC)
Sampled By: Peter ~~Shellenbarger~~ DORAN	Witnessed By: —

PURGING DATA

Type of Pump	HAND BAIL	Pump Inlet Depth (ft)	NA
Well Diameter (in)	2	Depth of Well (ft)	44.86
Initial/Static Depth to Water (ft)	36.60	Length of Water Column (ft)	8.26
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	1.32	Three Casing Volumes (gal)	3.96
Purge Time, Start	1302	Purge Time, Stop	1312
Total Purge Time (minutes)	10	Purge Rate (gpm)	0.4
Purge Volume (gal)	4.0	Depth to Water (ft) at Sampling	36.30

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	1.5	3.0	4.0				At Sampling
TDS (ppm)	1884	1379	1573	1881				1562
Turbidity (measured or visual) cloudy, clear, muddy	136	97.4	12.4	14.9				54.2 NTU
Temperature (C)	24.4	24.4	24.4	24.4				~~2.62~~ 23.2
Conductivity (micromhos) MS	2.88	2.85	2.88	2.89				2.62
pH	7.02	7.05	7.06	7.13				7.49
Dissolved Oxygen (mg/L & %)	8.64/102.4	8.43/101.6	8.36/101.2	8.34/101.2				2.14/24.8%
Comments:								
Depth to Water at End of Purge (ft)				42.10				
Drawdown (ft)				5.5				

MISCELLANEOUS DATA

Condition of Traffic Box: Good, MB.

Drum Identification labeling: **Non-Hazardous Waste**

Water Level Indicator: **Solinst Model 101**

Weather Conditions: OVERCAST

Comments: Sampled at: 6/20/18 1152

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

36.60 + 0.2 * 5.5 = 37.70

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GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587	Date: 6-21-18
Project/Location Malibu, CA Civic Center Area	Well Number: SMBRP-11
Observation Period Start: 1340 Stop: 1358	Survey Reference Point: (TOC)
Sampled By: Peter ~~Shellenberger~~ DORAN	Witnessed By: —

PURGING DATA

Type of Pump	HAND BAIL	Pump Inlet Depth (ft)	—
Well Diameter (in)	2	Depth of Well (ft)	20.35
Initial/Static Depth to Water (ft)	~~8.00~~ 8.40	Length of Water Column (ft)	11.95
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	1.91	Three Casing Volumes (gal)	5.7
Purge Time, Start	1340	Purge Time, Stop	1354
Total Purge Time (minutes)	14	Purge Rate (gpm)	HAND BAIL
Purge Volume (gal)	4.0	Depth to Water (ft) at Sampling	8.36

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	2.0	4.0					At Sampling
TDS (ppm)	1536	1520	1514					1326
Turbidity (measured or visual) cloudy, clear, muddy	>1000	>1000	>1000	WELL DEWATERED				25
Temperature (C)	22.9	22.6	22.6	C				21.8
Conductivity (micromhos) MS	2.59	2.56	2.55	4.0 MAL.				2.27
pH	7.09	7.10	7.13					7.10
Dissolved Oxygen (mg/L & %)	4.37/50.2	1.88/20.1	1.76/19.6					3.62/41.1
Comments:								
Depth to Water at End of Purge (ft)				19.96				
Drawdown (ft)				11.56				

MISCELLANEOUS DATA

Condition of Traffic Box: 1/2 TABS BROKEN

Drum Identification labeling: **Non-Hazardous Waste**

Water Level Indicator: **Solinst Model 101**

Weather Conditions: OVERCAST.

Comments: Sampled at: 6-22-18/0850

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

9.40 + 0.2 * 11.56 = 10.71

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GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587	Date: 6/20/18
Project/Location Malibu, CA Civic Center Area	Well Number: SMBRP-12
Observation Period Start: 1055 Stop: 1120	Survey Reference Point: (TOC)
Sampled By: ~~Peter Shellenberger~~ RYAN, JW, MC	Witnessed By: —

PURGING DATA

Type of Pump	GRUNDFOS	Pump Inlet Depth (ft)	23'
Well Diameter (in)	2in	Depth of Well (ft)	24.94
Initial/Static Depth to Water (ft)	7.3	Length of Water Column (ft)	17.64
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	2.82	Three Casing Volumes (gal)	8.46
Purge Time, Start	1057	Purge Time, Stop	1115
Total Purge Time (minutes)	18	Purge Rate (gpm)	0.5
Purge Volume (gal)	9.0	Depth to Water (ft) at Sampling	~~7.66~~ 7.36

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	3	6	9				At Sampling
TDS (ppm)	1421	1449	1466	1469	→			
Turbidity (measured or visual) cloudy, clear, muddy	1559AU	30.6NTU	6.41	1.62NTU	→			
Temperature (C)	24.7	23.5	24.5	24.3	→			
Conductivity (micromhos) MS	2.39	2.42	2.47	2.46	→			
pH	7.16	7.14	7.15	7.13	→			
Dissolved Oxygen (mg/L & %)	0.97	0.51	0.61	0.97	→			
Comments:	12.1%	5.8%	8.2%	10.7%	→			
Depth to Water at End of Purge (ft)				7.66				
Drawdown (ft)				0.36				

MISCELLANEOUS DATA

Condition of Traffic Box: Good

Drum Identification labeling: **Non-Hazardous Waste**

Water Level Indicator: **Solinst Model 101**

Weather Conditions: Overcast,

Comments: Sampled at: 1114

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

7.30 + 0.2 * 0.36 = 7.37

Rincon Consultants, Inc.

GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587	Date: 6-22-16
Project/Location Malibu, CA Civic Center Area	Well Number: SMBRP-13
Observation Period Start: 0752 Stop: 0810	Survey Reference Point: TOC
Sampled By: Peter ~~Shellenbarger~~ DORAN	Witnessed By: RYAN, JW

PURGING DATA

Type of Pump	HAND BAIL	Pump Inlet Depth (ft)	—
Well Diameter (in)	2	Depth of Well (ft)	19.45
Initial/Static Depth to Water (ft)	7.65	Length of Water Column (ft)	11.80
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	1.9	Three Casing Volumes (gal)	5.6
Purge Time, Start	0756	Purge Time, Stop	0805
Total Purge Time (minutes)	9	Purge Rate (gpm)	0.75
Purge Volume (gal)	6.0	Depth to Water (ft) at Sampling	7.65

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	2.0	4.0	6.0				At Sampling
TDS (~~ppm~~) PPT	1.76	1.93	1.97	1.99				
Turbidity (measured or visual) cloudy, clear, muddy	3.00	6.09	6.53	5.57				
Temperature (C)	20.5	20.0	19.9	19.9				
Conductivity (micromhos) MS	3.32	3.65	3.72	3.73				
pH	7.15	7.19	7.21	7.21				
Dissolved Oxygen (mg/L & %)	1.98/21.7	2.16/22.6	2.20/24.1	2.19/25.0				
Comments:								
Depth to Water at End of Purge (ft)				7.65				
Drawdown (ft)				0				

MISCELLANEOUS DATA

Condition of Traffic Box: GOOD

Drum Identification labeling: **Non-Hazardous Waste**

Water Level Indicator: **Solinst Model 101**

Weather Conditions: OVERCAST

Comments: Sampled at: 0807

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

7.65 + 0.2 * 0 = 7.65

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GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587	Date: 6.19.18
Project/Location Malibu, CA Civic Center Area	Well Number: LAMW-5S
Observation Period Start: 1120 Stop: 1250	Survey Reference Point: (TOC)
Sampled By: Peter ~~Shellenbarger~~ DORAN	Witnessed By: MC

PURGING DATA

Type of Pump	ELECTRIC SUBMERSIBLE	Pump Inlet Depth (ft)	70'
Well Diameter (in)	4	Depth of Well (ft)	73.95
Initial/Static Depth to Water (ft)	54.60	Length of Water Column (ft)	19.35
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.65
One Casing Volume (gal)	12.58	Three Casing Volumes (gal)	37.74
Purge Time, Start	1212	Purge Time, Stop	1240
Total Purge Time (minutes)	28	Purge Rate (gpm)	0.75
Purge Volume (gal)	20	Depth to Water (ft) at Sampling	55.02

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	(4-inch Diameter = 0.65 gal/ft)
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	13.0	20.0					At Sampling
TDS (ppm)	696.55	698.34	~~687.85~~					563.44
Turbidity (measured or visual) cloudy, clear, muddy NTU.	73	89	52					31.5
Temperature (C)	23.5	23.2	23.4					22.6
Conductivity (micromhos) uS	1052	1027	1021					0700
pH	6.70	6.78	6.83					7.23
Dissolved Oxygen (mg/L & %)	8.69/102.7	9.03/104.5	8.77/103.1					1.99/23.3
Comments:								
Depth to Water at End of Purge (ft)				70.0				
Drawdown (ft)				15.4				

MISCELLANEOUS DATA

Condition of Traffic Box: GOOD, 1/2 TABS STRIPPED

Drum Identification labeling: **Non-Hazardous Waste**

Water Level Indicator: **Solinst Model 101**

Weather Conditions: OVERCAST

Comments: Sampled at: 1111

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

54.60 + 0.2 * 15.4 = 57.68

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GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587	Date: 6-22-18
Project/Location Malibu, CA Civic Center Area	Well Number: CCP6
Observation Period Start: 0710 Stop: 0740	Survey Reference Point: (TOC)
Sampled By: Peter ~~Shellenbarger~~ DORAN	Witnessed By: —

PURGING DATA

Type of Pump	Electric Sub.	Pump Inlet Depth (ft)	45'
Well Diameter (in)	2	Depth of Well (ft)	52.25
Initial/Static Depth to Water (ft)	7.71	Length of Water Column (ft)	44.52
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	7.13	Three Casing Volumes (gal)	21.4
Purge Time, Start	0716	Purge Time, Stop	0730
Total Purge Time (minutes)	14	Purge Rate (gpm)	1.5
Purge Volume (gal)	21.5	Depth to Water (ft) at Sampling	7.71

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	7.5	14.5	21.5				At Sampling
TDS (ppm)	1611	2.37 PPT	2.81 PPT	2.83 PPT				—
Turbidity (measured or visual) cloudy, clear, muddy	26.6	6.49	5.83	5.26				—
Temperature (C)	19.9	19.9	19.8	19.8				—
Conductivity (micromhos) MS	2.72	4.47	5.32	5.33				—
pH	7.25	7.14	7.14	7.12				—
Dissolved Oxygen (mg/L & %)	0.95/9.9	0.58/6.3	0.60/6.5	0.64/6.6				—
Comments:								
Depth to Water at End of Purge (ft)				7.71				
Drawdown (ft)				0				

MISCELLANEOUS DATA

Condition of Traffic Box:	Good, 1/2 TABS STRIPPED.
Drum Identification labeling:	**Non-Hazardous Waste**
Water Level Indicator:	**Solinst Model 101**
Weather Conditions:	CLEAR

Comments: Sampled at: 0735

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

7.71 + 0.2 * 0 = 7.71

Rincon Consultants, Inc.

GROUND WATER SAMPLING/PURGING DATA SHEET

Job No: 15-01587	Date: 6.19.18
Project/Location Malibu, CA Civic Center Area	Well Number: & MBCMW-9
Observation Period Start: 1415 Stop: 1425	Survey Reference Point: TOC
Sampled By: Peter ~~Shellenbarger~~ DORAN	Witnessed By:

PURGING DATA

Type of Pump	HAND BAIL	Pump Inlet Depth (ft)	—
Well Diameter (in)	2	Depth of Well (ft)	8.96
Initial/Static Depth to Water (ft)	7.70	Length of Water Column (ft)	1.26
Product Thickness (ft)	—	Volume Multiplier (gal/ft)	0.16
One Casing Volume (gal)	~~0.02~~ 0.20	Three Casing Volumes (gal)	~~2.45~~ 0.60
Purge Time, Start	1415	Purge Time, Stop	1422
Total Purge Time (minutes)	7	Purge Rate (gpm)	HAND BAIL
Purge Volume (gal)	0.4	Depth to Water (ft) at Sampling	7.70

CASING OR BOREHOLE VOLUME

0.5-inch Diameter = 0.010 gal/ft	4-inch Diameter = 0.65 gal/ft
0.75-inch Diameter = 0.023 gal/ft	6-inch Diameter = 1.46 gal/ft
1-inch Diameter = 0.041 gal/ft	9-inch Diameter = 3.30 gal/ft
1.5-inch Diameter = 0.092 gal/ft	12-inch Diameter = 5.87 gal/ft
2-inch Diameter = 0.16 gal/ft	15-inch Diameter = 9.18 gal/ft

INDICATOR DATA

Volume Pumped (gal)	Before Purge	0.4						At Sampling
TDS (ppm)	3962	2846	WELL DEWATERED @ 0.4 GAL.					4.14
Turbidity (measured or visual) cloudy, clear, muddy	41.5NTU	741 AU						63.1
Temperature (C)	22.1	22.5						24.1
Conductivity (micromhos) uS	7700	4173						7.81 mS
pH	6.57	6.92						6.87
Dissolved Oxygen (mg/L & %)	8.92	8.90						1.95
Comments:								23.6%
				Depth to Water at End of Purge (ft)	8.86			
				Drawdown (ft)	1.16			

MISCELLANEOUS DATA

Condition of Traffic Box: 2/2 TABS BROKEN

Drum Identification labeling: **Non-Hazardous Waste**

Water Level Indicator: **Solinst Model 101**

Weather Conditions: OVERCAST

Comments: Sampled at: 1217 / 6.20.18

Well Recovery Calculation

Static Depth to Water in feet + (0.2) (maximum Drawdown in feet) = Depth to Water at 80% Recovery

7.70 + 0.2 * 1.16 = 7.93

Appendix B

Analytical Laboratory Reports

July 2, 2018

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

SP 1808096:1-4, 7, 9, 13-14 **COLIFORM BACTERIA ANALYSIS**
Customer ID : 2-25173

System Number :
Project Name : Malibu WWTP-GW-SNMP/MOU

Sample Handling Information

ID	Sample Number	Sample Description	Sample Type/Reason	Sampled By	Employed By	Sampled	Started	Finished
1	SP 1808096-001	SMBRP-9	Source-Other	Peter Doran	Not Available	06/20/2018 11:52	06/20/2018 15:33 AJS	06/24/2018 AJS
2	SP 1808096-002	MCWP-MW04S	Source-Other	Peter Doran	Not Available	06/20/2018 12:05	06/20/2018 15:37 AJS	06/23/2018 AJS
3	SP 1808096-003	MCWP-MW07S	Source-Other	Peter Doran	Not Available	06/20/2018 12:53	06/20/2018 15:40 AJS	06/24/2018 AJS
4	SP 1808096-004	SMBRP-12	Source-Other	Peter Doran	Not Available	06/20/2018 11:14	06/20/2018 15:43 AJS	06/24/2018 AJS
5	SP 1808096-007	MCWP-MW09	Source-Other	Peter Doran	Not Available	06/20/2018 10:43	06/20/2018 15:46 AJS	06/24/2018 AJS
6	SP 1808096-009	LAMW-5S	Source-Other	Peter Doran	Not Available	06/20/2018 11:11	06/20/2018 15:49 AJS	06/24/2018 AJS
7	SP 1808096-013	MBCMW-9	Source-Other	Peter Doran	Not Available	06/20/2018 12:17	06/20/2018 15:52 AJS	06/23/2018 AJS
8	SP 1808096-014	SMBRP-7B	Source-Other	Peter Doran	Not Available	06/20/2018 12:33	06/20/2018 15:54 AJS	06/23/2018 AJS

Analytical Results

ID	Sample Description	Chlorine Total/Free	Temp °C	Method	Units	Total	Fecal	E. Coli	Person Notified ‡	Date ‡ Notified	Time ‡ Notified	Foot Note
1	SMBRP-9	---	---	SM 9221B	MPN/100ml	110 PRESENT	<1.8 ABSENT	---	N/R			
2	MCWP-MW04S	---	---	SM 9221B	MPN/100ml	2 PRESENT	<1.8 ABSENT	---	N/R			
3	MCWP-MW07S	---	---	SM 9221B	MPN/100ml	24 PRESENT	<1.8 ABSENT	---	N/R			
4	SMBRP-12	---	---	SM 9221B	MPN/100ml	2 PRESENT	<1.8 ABSENT	---	N/R			
5	MCWP-MW09	---	---	SM 9221B	MPN/100ml	9.3 PRESENT	<1.8 ABSENT	---	N/R			
6	LAMW-5S	---	---	SM 9221B	MPN/100ml	7.8 PRESENT	<1.8 ABSENT	---	N/R			
7	MBCMW-9	---	---	SM 9221B	MPN/100ml	2 PRESENT	<1.8 ABSENT	---	N/R			
8	SMBRP-7B	---	---	SM 9221B	MPN/100ml	12 PRESENT	<1.8 ABSENT	---	N/R			

N/R Not Required. MPN Most Probable Number A/P Absence/Presence ‡ Client Notification details.

Analyses were performed using Standard Methods 21st edition. If you have any questions regarding your results, please call.

RRH:SLK

Reviewed and Approved By **Raquel R. Harvey**

Digitally signed by Raquel R. Harvey
Title: Tech Director Microbiology
Date: 2018-07-06

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July 9, 2018

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Lab ID : SP 1808096
Customer : 2-25173

Laboratory Report

Introduction: This report package contains total of 13 pages divided into 3 sections:

Case Narrative	(2 pages)	: An overview of the work performed at FGL.
Sample Results	(9 pages)	: Results for each sample submitted.
Quality Control	(2 pages)	: Supporting Quality Control (QC) results.

Case Narrative

This Case Narrative pertains to the following samples:

Sample Description	Date Sampled	Date Received	FGL Lab ID #	Matrix
SMBRP-9	06/20/2018	06/20/2018	SP 1808096-001	MW
MCWP-MW04S	06/20/2018	06/20/2018	SP 1808096-002	MW
MCWP-MW07S	06/20/2018	06/20/2018	SP 1808096-003	MW
SMBRP-12	06/20/2018	06/20/2018	SP 1808096-004	MW
MCWP-MW09	06/20/2018	06/20/2018	SP 1808096-007	MW
LAMW-5S	06/20/2018	06/20/2018	SP 1808096-009	MW
MBCMW-9	06/20/2018	06/20/2018	SP 1808096-013	MW
SMBRP-7B	06/20/2018	06/20/2018	SP 1808096-014	MW
MCWP-MW06	06/20/2018	06/20/2018	SP 1808096-016	MW

Sampling and Receipt Information: All samples were received in acceptable condition and within temperature requirements, unless noted on the Condition Upon Receipt (CUR) form. All samples arrived on ice. All samples were prepared and analyzed within the method specified hold time. All samples were checked for pH if acid or base preservation is required (except for VOAs). For details of sample receipt information, please see the attached Chain of Custody and Condition Upon Receipt Form.

Quality Control: All samples were prepared and analyzed according to the following tables:

Inorganic - Wet Chemistry QC

2540CE	06/22/2018:207298 All preparation quality controls are within established criteria, except: The following note applies to Total Dissolved Solids (TFR): 440 Sample nonhomogeneity may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
351.2	07/02/2018:207666 All preparation quality controls are within established criteria.
4500NH3G	06/21/2018:208846 All analysis quality controls are within established criteria.

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July 9, 2018 Lab ID : SP 1808096
Rincon Consultants, Inc. Customer : 2-25173

Inorganic - Wet Chemistry QC

4500NH3G	06/21/2018:207202 All preparation quality controls are within established criteria.
4500NO2F	06/21/2018:207259 All preparation quality controls are within established criteria.
4500NO3F	06/21/2018:208888 All analysis quality controls are within established criteria.
	06/21/2018:208889 All analysis quality controls are within established criteria.
	06/21/2018:207258 All preparation quality controls are within established criteria.
4500-P B	06/27/2018:207516 All preparation quality controls are within established criteria.
4500PE	06/28/2018:209216 All analysis quality controls are within established criteria.
EPA351.2	07/03/2018:209509 All analysis quality controls are within established criteria.

Certification:: I certify that this data package is in compliance with ELAP standards, both technically and for completeness, except for any conditions listed above. Release of the data contained in this data package is authorized by the Laboratory Director or his designee, as verified by the following electronic signature.

KD:DMB

Approved By **Kelly A. Dunnahoo, B.S.** Digitally signed by Kelly A. Dunnahoo, B.S.
Title: Laboratory Director
Date: 2018-07-09

July 9, 2018

Lab ID : SP 1808096-001
Customer ID : 2-25173

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Sampled On : June 20, 2018-11:52
Sampled By : Peter Doran
Received On : June 20, 2018-15:00
Matrix : Monitoring Well

Description : SMBRP-9
Project : Malibu WWTP-GW-SNMP/MOU

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	18.5	0.1	0.032	mg/L	1		4500NO3F	207258	06/21/18 10:00	4500NO3F	208889-FI207	06/21/18-11:19JDD
Nitrite Nitrogen	0.0170	0.1	0.011	mg/L	1	J	4500NO2F	207259	06/21/18 10:00	4500NO3F	208888-FI207	06/21/18-11:16JDD
Nitrogen, Organic	ND	0.5	0.072	mg/L	1	U	4500NH3G	207202	06/21/18 05:00	4500NH3G	208846-FI207	06/21/18-08:14AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	U	4500NH3G	207202	06/21/18 05:00	4500NH3G	208846-FI207	06/21/18-08:14AMB
Kjeldahl Nitrogen	ND	0.5	0.32	mg/L	1	U	351.2	207666	07/02/18 07:36	EPA351.2	209509-FI206	07/03/18-09:14AMB
Phosphorus, Total	0.376	0.1	0.020	mg/L	1	b	4500-P B	207516	06/27/18 12:30	4500PE	209216-UV205	06/28/18-11:30JMR
Total Dissolved Solids (TFR)	1900	20	5.8	mg/L	1		2540CE	207298	06/22/18 15:59	2540C	208985-WT219	06/25/18-06:34AMB

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
U	Constituent results were non-detect.
J	Reported value is estimated; detected at a concentration below the PQL and above the laboratory MDL.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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July 9, 2018

Lab ID : SP 1808096-002
Customer ID : 2-25173

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Sampled On : June 20, 2018-12:05
Sampled By : Peter Doran
Received On : June 20, 2018-15:00
Matrix : Monitoring Well

Description : MCWP-MW04S
Project : Malibu WWTP-GW-SNMP/MOU

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	0.500	0.1	0.032	mg/L	1		4500NO3F	207258	06/21/18 10:00	4500NO3F	208889-FI207	06/21/18-11:21JDD
Nitrite Nitrogen	0.0140	0.1	0.011	mg/L	1	J	4500NO2F	207259	06/21/18 10:00	4500NO3F	208888-FI207	06/21/18-11:19JDD
Nitrogen, Organic	0.800	0.5	0.072	mg/L	1		4500NH3G	207202	06/21/18 05:00	4500NH3G	208846-FI207	06/21/18-07:39AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	U	4500NH3G	207202	06/21/18 05:00	4500NH3G	208846-FI207	06/21/18-07:39AMB
Kjeldahl Nitrogen	0.800	0.5	0.32	mg/L	1		351.2	207666	07/02/18 07:36	EPA351.2	209509-FI206	07/03/18-09:18AMB
Phosphorus, Total	0.262	0.1	0.020	mg/L	1	b	4500-P B	207516	06/27/18 12:30	4500PE	209216-UV205	06/28/18-11:30JMR
Total Dissolved Solids (TFR)	5830	20	5.8	mg/L	1		2540CE	207298	06/22/18 15:59	2540C	208985-WT219	06/25/18-06:59AMB

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
U	Constituent results were non-detect.
J	Reported value is estimated; detected at a concentration below the PQL and above the laboratory MDL.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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July 9, 2018

Lab ID : SP 1808096-003
Customer ID : 2-25173

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Sampled On : June 20, 2018-12:53
Sampled By : Peter Doran
Received On : June 20, 2018-15:00
Matrix : Monitoring Well

Description : MCWP-MW07S
Project : Malibu WWTP-GW-SNMP/MOU

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	3.20	0.1	0.032	mg/L	1		4500NO3F	207258	06/21/18 10:00	4500NO3F	208889-FI207	06/21/18-11:24JDD
Nitrite Nitrogen	0.0310	0.1	0.011	mg/L	1	J	4500NO2F	207259	06/21/18 10:00	4500NO3F	208888-FI207	06/21/18-11:21JDD
Nitrogen, Organic	0.566	0.5	0.072	mg/L	1		4500NH3G	207202	06/21/18 05:00	4500NH3G	208846-FI207	06/21/18-07:43AMB
Ammonia Nitrogen	0.117	0.2	0.072	mg/L	1		4500NH3G	207202	06/21/18 05:00	4500NH3G	208846-FI207	06/21/18-07:43AMB
Kjeldahl Nitrogen	0.683	0.5	0.32	mg/L	1		351.2	207666	07/02/18 07:36	EPA351.2	209509-FI206	07/03/18-09:19AMB
Phosphorus, Total	0.525	0.1	0.020	mg/L	1	b	4500-P B	207516	06/27/18 12:30	4500PE	209216-UV205	06/28/18-11:30JMR
Total Dissolved Solids (TFR)	1150	20	5.8	mg/L	1		2540CE	207298	06/22/18 15:59	2540C	208985-WT219	06/25/18-07:08AMB

DQF Flags Definition:

b The Blank was detected above method MDL for constituent but less than the PQL

J Reported value is estimated; detected at a concentration below the PQL and above the laboratory MDL.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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July 9, 2018

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Description : SMBRP-12
Project : Malibu WWTP-GW-SNMP/MOU

Lab ID : SP 1808096-004
Customer ID : 2-25173

Sampled On : June 20, 2018-11:14
Sampled By : Peter Doran
Received On : June 20, 2018-15:00
Matrix : Monitoring Well

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	0.100	0.1	0.032	mg/L	1		4500NO3F	207258	06/21/18 10:00	4500NO3F	208889-FI207	06/21/18-11:26JDD
Nitrite Nitrogen	0.0120	0.1	0.011	mg/L	1	J	4500NO2F	207259	06/21/18 10:00	4500NO3F	208888-FI207	06/21/18-11:24JDD
Nitrogen, Organic	ND	0.5	0.072	mg/L	1		4500NH3G	207202	06/21/18 05:00	4500NH3G	208846-FI207	06/21/18-07:36AMB
Ammonia Nitrogen	4.25	0.2	0.072	mg/L	1		4500NH3G	207202	06/21/18 05:00	4500NH3G	208846-FI207	06/21/18-07:36AMB
Kjeldahl Nitrogen	3.89	0.5	0.32	mg/L	1		351.2	207666	07/02/18 07:36	EPA351.2	209509-FI206	07/03/18-09:20AMB
Phosphorus, Total	1.80	0.1	0.020	mg/L	1	b	4500-P B	207516	06/27/18 12:30	4500PE	209216-UV205	06/28/18-11:30JMR
Total Dissolved Solids (TFR)	1580	20	5.8	mg/L	1		2540CE	207298	06/22/18 15:59	2540C	208985-WT219	06/25/18-06:48AMB

DQF Flags Definition:

b The Blank was detected above method MDL for constituent but less than the PQL

J Reported value is estimated; detected at a concentration below the PQL and above the laboratory MDL.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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CA ELAP Certification No. 2810

July 9, 2018

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Description : MCWP-MW09
Project : Malibu WWTP-GW-SNMP/MOU

Lab ID : SP 1808096-007
Customer ID : 2-25173

Sampled On : June 20, 2018-10:43
Sampled By : Peter Doran
Received On : June 20, 2018-15:00
Matrix : Monitoring Well

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	0.100	0.1	0.032	mg/L	1		4500NO3F	207258	06/21/18 10:00	4500NO3F	208889-FI207	06/21/18-11:29JDD
Nitrite Nitrogen	0.0120	0.1	0.011	mg/L	1	J	4500NO2F	207259	06/21/18 10:00	4500NO3F	208888-FI207	06/21/18-11:26JDD
Nitrogen, Organic	ND	0.5	0.072	mg/L	1		4500NH3G	207202	06/21/18 05:00	4500NH3G	208846-FI207	06/21/18-08:23AMB
Ammonia Nitrogen	3.19	0.2	0.072	mg/L	1		4500NH3G	207202	06/21/18 05:00	4500NH3G	208846-FI207	06/21/18-08:23AMB
Kjeldahl Nitrogen	1.51	0.5	0.32	mg/L	1		351.2	207666	07/02/18 07:36	EPA351.2	209509-FI206	07/03/18-09:21AMB
Phosphorus, Total	0.139	0.1	0.020	mg/L	1	b	4500-P B	207516	06/27/18 12:30	4500PE	209216-UV205	06/28/18-11:30JMR
Total Dissolved Solids (TFR)	2460	34	5.8	mg/L	1.7	bI	2540CE	207298	06/22/18 12:15	2540C	208985-WT219	06/25/18-06:48AMB

DQF Flags Definition:

b The Blank was detected above method MDL for constituent but less than the PQL
J Reported value is estimated; detected at a concentration below the PQL and above the laboratory MDL.
I Reported value is estimated due to RPD exceedance.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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July 9, 2018

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Description : LAMW-5S
Project : Malibu WWTP-GW-SNMP/MOU

Lab ID : SP 1808096-009
Customer ID : 2-25173

Sampled On : June 20, 2018-11:11
Sampled By : Peter Doran
Received On : June 20, 2018-15:00
Matrix : Monitoring Well

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	13.3	0.1	0.032	mg/L	1		4500NO3F	207258	06/21/18 10:00	4500NO3F	208889-FI207	06/21/18-11:31JDD
Nitrite Nitrogen	0.0150	0.1	0.011	mg/L	1	J	4500NO2F	207259	06/21/18 10:00	4500NO3F	208888-FI207	06/21/18-11:29JDD
Nitrogen, Organic	ND	0.5	0.072	mg/L	1	U	4500NH3G	207202	06/21/18 05:00	4500NH3G	208846-FI207	06/21/18-08:19AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	U	4500NH3G	207202	06/21/18 05:00	4500NH3G	208846-FI207	06/21/18-08:19AMB
Kjeldahl Nitrogen	ND	0.5	0.32	mg/L	1	U	351.2	207666	07/02/18 07:36	EPA351.2	209509-FI206	07/03/18-09:22AMB
Phosphorus, Total	2.00	0.5	0.020	mg/L	5	b	4500-P B	207516	06/27/18 12:30	4500PE	209216-UV205	06/28/18-11:30JMR
Total Dissolved Solids (TFR)	618	20	5.8	mg/L	1	bI	2540CE	207298	06/22/18 12:15	2540C	208985-WT219	06/25/18-06:26AMB

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
U	Constituent results were non-detect.
J	Reported value is estimated; detected at a concentration below the PQL and above the laboratory MDL.
I	Reported value is estimated due to RPD exceedance.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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July 9, 2018

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Description : MBCMW-9
Project : Malibu WWTP-GW-SNMP/MOU

Lab ID : SP 1808096-013
Customer ID : 2-25173

Sampled On : June 20, 2018-12:17
Sampled By : Peter Doran
Received On : June 20, 2018-15:00
Matrix : Monitoring Well

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	0.200	0.1	0.032	mg/L	1		4500NO3F	207258	06/21/18 10:00	4500NO3F	208889-FI207	06/21/18-11:34JDD
Nitrite Nitrogen	0.0140	0.1	0.011	mg/L	1	J	4500NO2F	207259	06/21/18 10:00	4500NO3F	208888-FI207	06/21/18-11:31JDD
Nitrogen, Organic	1.17	0.5	0.072	mg/L	1		4500NH3G	207202	06/21/18 05:00	4500NH3G	208846-FI207	06/21/18-08:21AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	U	4500NH3G	207202	06/21/18 05:00	4500NH3G	208846-FI207	06/21/18-08:21AMB
Kjeldahl Nitrogen	1.17	0.5	0.32	mg/L	1		351.2	207666	07/02/18 07:36	EPA351.2	209509-FI206	07/03/18-09:23AMB
Phosphorus, Total	0.356	0.1	0.020	mg/L	1	b	4500-P B	207516	06/27/18 12:30	4500PE	209216-UV205	06/28/18-11:30JMR
Total Dissolved Solids (TFR)	7290	49	5.8	mg/L	2.4286		2540CE	207298	06/22/18 15:59	2540C	208985-WT219	06/25/18-06:56AMB

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
U	Constituent results were non-detect.
J	Reported value is estimated; detected at a concentration below the PQL and above the laboratory MDL.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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July 9, 2018

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Description : SMBRP-7B
Project : Malibu WWTP-GW-SNMP/MOU

Lab ID : SP 1808096-014
Customer ID : 2-25173

Sampled On : June 20, 2018-12:33
Sampled By : Peter Doran
Received On : June 20, 2018-15:00
Matrix : Monitoring Well

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	0.200	0.1	0.032	mg/L	1		4500NO3F	207258	06/21/18 10:00	4500NO3F	208889-FI207	06/21/18-11:36JDD
Nitrite Nitrogen	0.0130	0.1	0.011	mg/L	1	J	4500NO2F	207259	06/21/18 10:00	4500NO3F	208888-FI207	06/21/18-11:34JDD
Nitrogen, Organic	ND	0.5	0.072	mg/L	1	U	4500NH3G	207202	06/21/18 05:00	4500NH3G	208846-FI207	06/21/18-08:16AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	U	4500NH3G	207202	06/21/18 05:00	4500NH3G	208846-FI207	06/21/18-08:16AMB
Kjeldahl Nitrogen	ND	0.5	0.32	mg/L	1	U	351.2	207666	07/02/18 07:36	EPA351.2	209509-FI206	07/03/18-09:24AMB
Phosphorus, Total	0.224	0.1	0.020	mg/L	1	b	4500-P B	207516	06/27/18 12:30	4500PE	209216-UV205	06/28/18-11:30JMR
Total Dissolved Solids (TFR)	3480	34	5.8	mg/L	1.7	bI	2540CE	207298	06/22/18 12:15	2540C	208985-WT219	06/25/18-06:38AMB

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
U	Constituent results were non-detect.
J	Reported value is estimated; detected at a concentration below the PQL and above the laboratory MDL.
I	Reported value is estimated due to RPD exceedance.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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July 9, 2018

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Description : MCWP-MW06
Project : Malibu WWTP-GW-SNMP/MOU

Lab ID : SP 1808096-016
Customer ID : 2-25173

Sampled On : June 20, 2018-09:07
Sampled By : Peter Doran
Received On : June 20, 2018-15:00
Matrix : Monitoring Well

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	0.200	0.1	0.032	mg/L	1		4500NO3F	207258	06/21/18 10:00	4500NO3F	208889-FI207	06/21/18-11:39JDD
Total Dissolved Solids (TFR)	1770	20	5.8	mg/L	1	bI	2540CE	207298	06/22/18 12:15	2540C	208985-WT219	06/25/18-06:27AMB

DQF Flags Definition:

b The Blank was detected above method MDL for constituent but less than the PQL

I Reported value is estimated due to RPD exceedance.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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July 9, 2018 Lab ID : SP 1808096
Rincon Consultants, Inc. Customer : 2-25173

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem								
Total Dissolved Solids (TFR)	2540CE	06/22/18:207298CTL	Blank	mg/L		ND	<20	
			LCS	mg/L	992.5	95.8 %	90-110	
		(CH 1874600-002)	Dup	mg/L		6.5%	5	440
		(CH 1874600-003)	Dup	mg/L		2.3%	5	
			Blank	mg/L		ND	<20	
			LCS	mg/L	992.5	96.2 %	90-110	
		(SP 1808079-001)	Dup	mg/L		0.8%	5	
		(SP 1808158-001)	Dup	mg/L		1.1%	5	
Nitrogen, Total Kjeldahl	351.2	07/02/18:207666jmg	Blank	mg/L		ND	<0.5	
			LCS	mg/L	12.00	85.8 %	73-124	
			MS	mg/L	12.00	89.0 %	54-136	
		(CH 1874675-001)	MSD	mg/L	12.00	90.7 %	54-136	
			MSRPD	mg/L	12.00	1.8%	≤27	
Ammonia Nitrogen	4500NH3G		MS	mg/L	2.000	121 %	70-130	
		(STK1838621-002)	MSD	mg/L	2.000	125 %	70-130	
			MSRPD	mg/L	2.000	2.9%	≤20	
			MS	mg/L	2.000	118 %	70-130	
		(SP 1808088-002)	MSD	mg/L	2.000	118 %	70-130	
			MSRPD	mg/L	2.000	0.3%	≤20	
	4500NH3G	06/21/18:208846AMB	CCB	mg/L		-0.078	0.1	
			CCV	mg/L	2.000	106 %	90-110	
			CCB	mg/L		-0.078	0.1	
			CCV	mg/L	2.000	106 %	90-110	
			CCB	mg/L		0.000	0.1	
			CCV	mg/L	2.000	104 %	90-110	
Nitrite as Nitrogen	4500NO2F		MS	mg/L	1.218	80.4 %	50-150	
		(SP 1808087-001)	MSD	mg/L	1.218	80.8 %	50-150	
			MSRPD	mg/L	1.218	0.5%	≤30	
Nitrate + Nitrite as N	4500NO3F		MS	mg/L	28.17	37.2 %	5-285	
		(SP 1808087-001)	MSD	mg/L	28.17	37.4 %	5-285	
			MSRPD	mg/L	28.17	0.5%	≤30.4	
	4500NO3F	06/21/18:208889JDD	CCB	mg/L		0.120	0.2	
			CCV	mg/L	11.27	94.4 %	90-110	
			CCB	mg/L		0.112	0.2	
			CCV	mg/L	11.27	94.6 %	90-110	
Nitrite as Nitrogen	4500NO3F	06/21/18:208888JDD	CCB	mg/L		0.01200	0.012	
			CCV	mg/L	1.218	105 %	90-110	
			CCB	mg/L		0.0100	0.012	
			CCV	mg/L	1.218	105 %	90-110	
Phosphorus	4500-P B	06/27/18:207516JMR	Blank	mg/L		ND	<0.1	
			LCS	mg/L	0.5000	102 %	90-116	
			MS	mg/L	0.5000	73.1 %	25-292	
		(SP 1808096-001)	MSD	mg/L	0.5000	62.0 %	25-292	
			MSRPD	mg/L	0.5000	7.8%	≤13.2	
Total Phosphorus	4500PE	06/28/18:209216JMR	CCB	mg/L		-0.080	0.1	
			CCV	mg/L	0.5000	93.3 %	90-110	
			CCB	mg/L		-0.068	0.1	
			CCV	mg/L	0.5000	94.5 %	90-110	
			CCB	mg/L		-0.089	0.1	
			CCV	mg/L	0.5000	98.0 %	90-110	
Nitrogen, Total Kjeldahl	EPA351.2	07/03/18:209509AMB	ICB	mg/L		0.134	0.5	
			ICV	mg/L	5.000	99.8 %	90-110	
			CCB	mg/L		0.190	0.5	
			CCV	mg/L	5.000	98.4 %	90-110	
			CCB	mg/L		0.224	0.5	

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July 9, 2018 Lab ID : SP 1808096

Rincon Consultants, Inc. Customer : 2-25173

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem								
Nitrogen, Total Kjeldahl	EPA351.2	07/03/18:209509AMB	CCV	mg/L	5.000	97.6 %	90-110	

Definition

ICV	: Initial Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
ICB	: Initial Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
CCV	: Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
CCB	: Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
Blank	: Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
LCS	: Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.
MS	: Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
MSD	: Matrix Spike Duplicate of MS/MSD pair - A random sample duplicate is spiked with a known amount of analyted. The recoveries are an indication of how that sample matrix affects analyte recovery.
Dup	: Duplicate Sample - A random sample with each batch is prepared and analyzed in duplicate. The relative percent difference is an indication of precision for the preparation and analysis.
MSRPD	: MS/MSD Relative Percent Difference (RPD) - The MS relative percent difference is an indication of precision for the preparation and analysis.
ND	: Non-detect - Result was below the DQO listed for the analyte.
DQO	: Data Quality Objective - This is the criteria against which the quality control data is compared.

Explanation

440	: Sample nonhomogeneity may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.

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Laboratory Copy (1 of 3)

4259:06/04/2018

TEST DESCRIPTION - See Reverse side for Container, Preservative and Sampling information

Client: **Rincon Consultants, Inc.**

Address: Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Phone: (760)918-9444ext209 Fax:

Contact Person: Torin Snyder

Project Name: **Malibu WWTP-GW-SNMP/MOU**

Purchase Order Number:

Quote Number: **SP 20150526-01**

Sampler(s) Peter Doran

Sampling Fee: _____ Pickup Fee: _____

Compositor Setup Date: ___/___/___ Time: ___/___

Lab Number: **SP** 1808096 2-25173

Samp Num	Location Description	Date Sampled	Time Sampled	Method of Sampling: Composite(C) Grab(G)	Type of Sample **SEE REVERSE SIDE**	Potable(P) Non-Potable(NP) Ag Water(AgW)	Bacti Type: Other(O) System(SYS) Source(SR) Waste(W)	Bacti Reason: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O) Special(SPL)	Coliform-LTB-Series 15 Tube ***8 Hour Hold Time*** 120ml(PBa)-Na2S2O3	Wet Chemistry-NO3-N,NO2-N,N-Organic,Total P,NH3-N,TDS ***NO2-N, NO3-N-48 Hour Hold Time*** 16oz(P), 16oz(P)-H2SO4	Wet Chemistry-NO3-N,TDS ***NO3-N-48 Hour Hold Time*** 16oz(P)						
1	SMBRP-9	6/20/18	1152	G	MW				1	1,1							
2	MCWP-MW04S	6/20/18	1205	G	MW				1	1,1							
3	MCWP-MW07S	6/20/18	1253	G	MW				1	1,1							
4	SMBRP-12	6/20/18	1114	G	MW				1	1,1							
5	~~MCWP-04D~~			~~G~~	~~MW~~				1	1,1		P5					
6	~~MCWP-07D~~			~~G~~	~~MW~~				1	1,1		P5					
7	MCWP-MW09	6/20/18	1043	G	MW				1	1,1							
8	~~TY-MW-1~~			~~G~~	~~MW~~				1	1,1		P5					
9	LAMW-5S	6/20/18	1111	G	MW				1	1,1							
10	~~SMBRP-13~~			~~G~~	~~MW~~				1	1,1		P5					

Remarks: **Multiple Chains**

Relinquished	Date:	Time:	Relinquished	Date:	Time:	Relinquished	Date:	Time:
	6.20.18	1350		6/20/18	1502			
Received By:	**Date:**	**Time:**	**Received By:**	**Date:**	**Time:**	**Received By:**	**Date:**	**Time:**
	6/20/18	1350		↓	↓			

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ENVIRONMENTAL FGL AGRICULTURAL
Analytical Chemists

Semi-Annual

CHAIN OF CUSTODY
www.fglinc.com

Laboratory Copy (1 of 3)

4259:06/04/2018

Client: **Rincon Consultants, Inc.**
Address: Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Phone: (760)918-9444ext209 Fax:
Contact Person: Torin Snyder
Project Name: **Malibu WWTP-GW-SNMP/MOU**
Purchase Order Number:
Quote Number: **SP 20150526-01**

Sampler(s) Peter Doran

Sampling Fee: _____ Pickup Fee: _____
Compositor Setup Date: ___/___/___ Time: ___/___

Lab Number: **SP** 1808096 **2-25173**

Samp Num	Location Description	Date Sampled	Time Sampled	Method of Sampling: Composite(C) Grab(G)	Type of Sample **SEE REVERSE SIDE**	Potable(P) Non-Potable(NP) Ag Water(AgW)	Bacti Type: Other(O) System(SYS) Source(SR) Waste(W)	Bacti Reason: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O) Special(SPL)	Coliform-LTB-Series 15 Tube ***8 Hour Hold Time*** 120ml(PBa)-Na2S2O3	Wet Chemistry-NO3-N,NO2-N,N-Organic,Total P,NH3-N,TDS ***NO2-N, NO3-N-48 Hour Hold Time*** 16oz(P), 16oz(P)-H2SO4	Wet Chemistry-NO3-N,TDS ***NO3-N-48 Hour Hold Time*** 16oz(P)						
11	~~MCWP-MW10~~			G	MW				1	1,1			PO				
12	~~CCPE~~			G	MW				1	1,1			PO				
13	MBCMW-9	6/20/18	1247	G	MW				1	1,1							
14	SMBRP-7B	6/20/18	1233	G	MW				1	1,1							
15	~~MCWP-MW05~~			G	MW						1		PO				
16	MCWP-MW06	6/20/18	0907	G	MW						1						

Remarks: **Multiple Chains**

Relinquished	Date:	Time:	Relinquished	Date:	Time:	Relinquished	Date:	Time:
	6.20.18	1340		6/20/18	1520			
Received By:	**Date:**	**Time:**	**Received By:**	**Date:**	**Time:**	**Received By:**	**Date:**	**Time:**
	6/20/18	1340		↓	↓			

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Condition Upon Receipt (Attach to COC)

Sample Receipt at SP:

1. Number of ice chests/packages received: **OTC**
2. Shipper tracking numbers _____
3. Were samples received in a chilled condition?
   Temps: **ROI** / _____ / _____ / _____ / _____ / _____ / _____
4. Surface water (SWTR) bact samples: A sample that has a temperature upon receipt of >10C, whether iced or not, should be flagged unless the time since sample collection has been less than two hours.
5. Do the number of bottles received agree with the COC? **Yes** / **No** / **N/A**
6. Verify sample date, time, sampler **Yes** / **No** / **N/A**
7. Were the samples received intact? (i.e. no broken bottles, leaks, etc.) **Yes** / **No**
8. Were sample custody seals intact? **Yes** / **No** / **N/A**

Sample Verification, Labeling and Distribution:

1. Were all requested analyses understood and acceptable? **Yes** / **No**
2. Did bottle labels correspond with the client's ID's? **Yes** / **No**
3. Were all bottles requiring sample preservation properly preserved? **Yes** / **No** / **N/A** **FGL**
   [Exception: Oil & Grease, VOA and CrVI verified in lab]
4. VOAs checked for Headspace? **Yes** / **No** / **N/A**
5. Were all analyses within holding times at time of receipt? **Yes** / **No**
6. Have rush or project due dates been checked and accepted? **Yes** / **No** / **N/A**

Include a copy of the COC for lab delivery. (Bacti. Inorganics and Radio)

Sample Receipt, Login and Verification completed by: Reviewed and Approved By **Cynthia T Casarez** Digitally signed by Cynthia T Casarez Title: Sample Receiving Date: 06/26/2018-17:01:42

Discrepency Documentation:

Any items above which are "No" or do not meet specifications (i.e. temps) must be resolved.

1. Person Contacted: _____ Phone Number: _____
   Initiated By: _____ Date: _____
   Problem:

   Resolution:

2. Person Contacted: _____ Phone Number: _____
   Initiated By: _____ Date: _____
   Problem:

   Resolution:

(2025173)
Rincon Consultants, Inc.
SP 1808096
CTC-06/26/2018-17:01:42

June 26, 2018

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

SP 1808251:5-6 **COLIFORM BACTERIA ANALYSIS**
Customer ID : 2-25173

System Number :
Project Name : Malibu WWTP-GW-SNMP/MOU

Sample Handling Information

ID	Sample Number	Sample Description	Sample Type/Reason	Sampled By	Employed By	Sampled	Started	Finished
1	SP 1808251-005	MCWP-04D	Source-Other	Peter Doran / Ryan	Not Available	06/21/2018 13:50	06/21/2018 15:26 rv	06/23/2018 rv
2	SP 1808251-006	MCWP-07D	Source-Other	Peter Doran / Ryan	Not Available	06/21/2018 08:05	06/21/2018 15:28 rv	06/24/2018 rv

Analytical Results

ID	Sample Description	Chlorine Total/Free	Temp °C	Method	Units	Total	Fecal	E. Coli	Person Notified ‡	Date ‡ Notified	Time ‡ Notified	Foot Note
1	MCWP-04D	---	---	SM 9221B	MPN/100ml	<1.8 ABSENT	<1.8 ABSENT	---	N/R			
2	MCWP-07D	---	---	SM 9221B	MPN/100ml	4.5 PRESENT	<1.8 ABSENT	---	N/R			

N/R Not Required. MPN Most Probable Number A/P Absence/Presence ‡ Client Notification details.

Analyses were performed using Standard Methods 21st edition. If you have any questions regarding your results, please call.

RRH:SLK

Reviewed and Approved By **Raquel R. Harvey**
Digitally signed by Raquel R. Harvey
Title: Tech Director Microbiology
Date: 2018-06-27

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July 9, 2018

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Lab ID : SP 1808251
Customer : 2-25173

Laboratory Report

Introduction: This report package contains total of 7 pages divided into 3 sections:

Case Narrative	(2 pages)	: An overview of the work performed at FGL.
Sample Results	(3 pages)	: Results for each sample submitted.
Quality Control	(2 pages)	: Supporting Quality Control (QC) results.

Case Narrative

This Case Narrative pertains to the following samples:

Sample Description	Date Sampled	Date Received	FGL Lab ID #	Matrix
MCWP-04D	06/21/2018	06/21/2018	SP 1808251-005	MW
MCWP-07D	06/21/2018	06/21/2018	SP 1808251-006	MW
MCWP-MW05	06/21/2018	06/21/2018	SP 1808251-015	MW

Sampling and Receipt Information: All samples were received in acceptable condition and within temperature requirements, unless noted on the Condition Upon Receipt (CUR) form. All samples arrived on ice. All samples were prepared and analyzed within the method specified hold time. All samples were checked for pH if acid or base preservation is required (except for VOAs). For details of sample receipt information, please see the attached Chain of Custody and Condition Upon Receipt Form.

Quality Control: All samples were prepared and analyzed according to the following tables:

Inorganic - Wet Chemistry QC

2540CE	06/25/2018:207390 All preparation quality controls are within established criteria.
351.2	07/02/2018:207666 All preparation quality controls are within established criteria.
4500NH3G	06/22/2018:208906 All analysis quality controls are within established criteria.
	06/22/2018:207271 All preparation quality controls are within established criteria, except: The following note applies to Ammonia Nitrogen: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
4500NO2F	06/21/2018:207259 All preparation quality controls are within established criteria.
	06/22/2018:207318 All preparation quality controls are within established criteria.

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July 9, 2018 Lab ID : SP 1808251
Rincon Consultants, Inc. Customer : 2-25173

Inorganic - Wet Chemistry QC

4500NO3F	06/21/2018:208897 All analysis quality controls are within established criteria.
	06/21/2018:208898 All analysis quality controls are within established criteria.
	06/22/2018:208969 All analysis quality controls are within established criteria.
	06/22/2018:208970 All analysis quality controls are within established criteria.
	06/21/2018:207258 All preparation quality controls are within established criteria.
	06/22/2018:207317 All preparation quality controls are within established criteria.
4500-P B	07/05/2018:207830 All preparation quality controls are within established criteria.
4500PE	07/09/2018:209601 All analysis quality controls are within established criteria.
EPA351.2	07/03/2018:209509 All analysis quality controls are within established criteria.

Certification:: I certify that this data package is in compliance with ELAP standards, both technically and for completeness, except for any conditions listed above. Release of the data contained in this data package is authorized by the Laboratory Director or his designee, as verified by the following electronic signature.

KD:DMB

Approved By **Kelly A. Dunnahoo, B.S.** Digitally signed by Kelly A. Dunnahoo, B.S.
Title: Laboratory Director
Date: 2018-07-09

July 9, 2018

Lab ID : SP 1808251-005
Customer ID : 2-25173

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Sampled On : June 21, 2018-13:50
Sampled By : Peter Doran / Ryan
Received On : June 21, 2018-15:10
Matrix : Monitoring Well

Description : MCWP-04D
Project : Malibu WWTP-GW-SNMP/MOU

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	1.70	0.1	0.032	mg/L	1		4500NO3F	207258	06/21/18 14:00	4500NO3F	208898-FI207	06/21/18-17:17JDD
Nitrite Nitrogen	0.0140	0.1	0.011	mg/L	1	J	4500NO2F	207259	06/21/18 14:00	4500NO3F	208897-FI207	06/21/18-17:15JDD
Nitrogen, Organic	ND	0.5	0.072	mg/L	1	Uh	4500NH3G	207271	06/22/18 05:00	4500NH3G	208906-FI207	06/22/18-07:54AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	Uh	4500NH3G	207271	06/22/18 05:00	4500NH3G	208906-FI207	06/22/18-07:54AMB
Kjeldahl Nitrogen	ND	0.5	0.32	mg/L	1	U	351.2	207666	07/02/18 07:36	EPA351.2	209509-FI206	07/03/18-09:25AMB
Phosphorus, Total	ND	0.1	0.020	mg/L	1	U	4500-P B	207830	07/05/18 11:30	4500PE	209601-UV205	07/09/18-12:30JMR
Total Dissolved Solids (TFR)	1570	20	5.8	mg/L	1		2540CE	207390	06/25/18 12:49	2540C	209088-WT219	06/26/18-06:33AMB

DQF Flags Definition:

h	The MS/MSD did not meet QC criteria.
U	Constituent results were non-detect.
J	Reported value is estimated; detected at a concentration below the PQL and above the laboratory MDL.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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July 9, 2018

Lab ID : SP 1808251-006
Customer ID : 2-25173

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Sampled On : June 21, 2018-08:05
Sampled By : Peter Doran / Ryan
Received On : June 21, 2018-15:10
Matrix : Monitoring Well

Description : MCWP-07D
Project : Malibu WWTP-GW-SNMP/MOU

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	2.00	0.1	0.032	mg/L	1		4500NO3F	207317	06/22/18 13:00	4500NO3F	208970-FI207	06/22/18-13:49JDD
Nitrite Nitrogen	0.0140	0.1	0.011	mg/L	1	J	4500NO2F	207318	06/22/18 13:00	4500NO3F	208969-FI207	06/22/18-13:46JDD
Nitrogen, Organic	0.450	0.5	0.072	mg/L	1	UhJ	4500NH3G	207271	06/22/18 05:00	4500NH3G	208906-FI207	06/22/18-07:19AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	Uh	4500NH3G	207271	06/22/18 05:00	4500NH3G	208906-FI207	06/22/18-07:19AMB
Kjeldahl Nitrogen	0.450	0.5	0.32	mg/L	1	J	351.2	207666	07/02/18 07:36	EPA351.2	209509-FI206	07/03/18-09:27AMB
Phosphorus, Total	0.0778	0.1	0.020	mg/L	1	J	4500-P B	207830	07/05/18 11:30	4500PE	209601-UV205	07/09/18-12:30JMR
Total Dissolved Solids (TFR)	477	20	5.8	mg/L	1		2540CE	207390	06/25/18 12:49	2540C	209088-WT219	06/26/18-06:39AMB

DQF Flags Definition:

h	The MS/MSD did not meet QC criteria.
U	Constituent results were non-detect.
J	Reported value is estimated; detected at a concentration below the PQL and above the laboratory MDL.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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July 9, 2018

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Description : MCWP-MW05
Project : Malibu WWTP-GW-SNMP/MOU

Lab ID : SP 1808251-015
Customer ID : 2-25173

Sampled On : June 21, 2018-11:00
Sampled By : Peter Doran / Ryan
Received On : June 21, 2018-15:10
Matrix : Monitoring Well

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	2.10	0.1	0.032	mg/L	1		4500NO3F	207317	06/22/18 13:00	4500NO3F	208970-FI207	06/22/18-13:51JDD
Total Dissolved Solids (TFR)	1400	20	5.8	mg/L	1		2540CE	207390	06/25/18 12:49	2540C	209088-WT219	06/26/18-06:34AMB

ND=Non-Detected. PQL=Practical Quantitation Limit.

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July 9, 2018 Lab ID : SP 1808251
Rincon Consultants, Inc. Customer : 2-25173

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem								
Total Dissolved Solids (TFR)	2540CE	06/25/18:207390CTL	Blank	mg/L		ND	<20	
			LCS	mg/L	992.5	98.5 %	90-110	
		(CC 1881979-001)	Dup	mg/L		0.3%	5	
		(VI 1843068-001)	Dup	mg/L		2.5%	5	
Nitrogen, Total Kjeldahl	351.2	07/02/18:207666jmg	Blank	mg/L		ND	<0.5	
			LCS	mg/L	12.00	85.8 %	73-124	
			MS	mg/L	12.00	89.0 %	54-136	
		(CH 1874675-001)	MSD	mg/L	12.00	90.7 %	54-136	
			MSRPD	mg/L	12.00	1.8%	≤27	
Ammonia Nitrogen	4500NH3G		MS	mg/L	2.000	135 %	70-130	435
		(SP 1808251-006)	MSD	mg/L	2.000	130 %	70-130	
			MSRPD	mg/L	2.000	3.4%	≤20	
	4500NH3G	06/22/18:208906AMB	ICB	mg/L		-0.051	0.1	
			ICV	mg/L	2.000	107 %	90-110	
			CCB	mg/L		-0.039	0.1	
			CCV	mg/L	2.000	107 %	90-110	
			CCB	mg/L		-0.048	0.1	
			CCV	mg/L	2.000	106 %	90-110	
Nitrite as Nitrogen	4500NO2F		MS	mg/L	1.218	102 %	50-150	
		(CH 1874543-001)	MSD	mg/L	1.218	102 %	50-150	
			MSRPD	mg/L	1.218	0.5%	≤30	
	4500NO2F		MS	mg/L	1.218	103 %	50-150	
		(SP 1808251-006)	MSD	mg/L	1.218	104 %	50-150	
			MSRPD	mg/L	1.218	1.1%	≤30	
Nitrate + Nitrite as N	4500NO3F		MS	mg/L	28.17	36.0 %	5-285	
		(CH 1874543-001)	MSD	mg/L	28.17	36.5 %	5-285	
			MSRPD	mg/L	28.17	1.2%	≤30.4	
	4500NO3F	06/21/18:208898JDD	CCB	mg/L		0.128	0.2	
			CCV	mg/L	11.27	94.4 %	90-110	
			CCB	mg/L		0.144	0.2	
			CCV	mg/L	11.27	95.0 %	90-110	
	4500NO3F		MS	mg/L	28.17	37.5 %	5-285	
		(SP 1808251-006)	MSD	mg/L	28.17	38.3 %	5-285	
			MSRPD	mg/L	28.17	1.8%	≤30.4	
	4500NO3F	06/22/18:208970JDD	ICB	mg/L		0.173	0.2	
			ICV	mg/L	11.27	94.7 %	90-110	
			CCB	mg/L		0.215	0.2	
			CCV	mg/L	11.27	95.2 %	90-110	
Nitrite as Nitrogen	4500NO3F	06/21/18:208897JDD	CCB	mg/L		0.01100	0.012	
			CCV	mg/L	1.218	105 %	90-110	
			CCB	mg/L		0.01200	0.012	
			CCV	mg/L	1.218	105 %	90-110	
	4500NO3F	06/22/18:208969JDD	ICB	mg/L		0.00800	0.012	
			ICV	mg/L	1.218	103 %	90-110	
			CCB	mg/L		0.00900	0.012	
			CCV	mg/L	1.218	103 %	90-110	
Phosphorus	4500-P B	07/05/18:207830JMR	Blank	mg/L		ND	<0.1	
			LCS	mg/L	0.5000	101 %	90-116	
			MS	mg/L	0.5000	66.1 %	25-292	
		(SP 1808251-005)	MSD	mg/L	0.5000	63.1 %	25-292	
			MSRPD	mg/L	0.5000	0.015	≤0.1	
Total Phosphorus	4500PE	07/09/18:209601JMR	CCB	mg/L		-0.071	0.1	
			CCV	mg/L	0.5000	93.3 %	90-110	
			CCB	mg/L		-0.077	0.1	
			CCV	mg/L	0.5000	95.7 %	90-110	

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July 9, 2018 Lab ID : SP 1808251

Rincon Consultants, Inc. Customer : 2-25173

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem								
Nitrogen, Total Kjeldahl	EPA351.2	07/03/18:209509AMB	CCB	mg/L		0.190	0.5	
			CCV	mg/L	5.000	98.4 %	90-110	
			CCB	mg/L		0.224	0.5	
			CCV	mg/L	5.000	97.6 %	90-110	

Definition

ICV	: Initial Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
ICB	: Initial Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
CCV	: Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
CCB	: Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
Blank	: Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
LCS	: Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.
MS	: Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
MSD	: Matrix Spike Duplicate of MS/MSD pair - A random sample duplicate is spiked with a known amount of analyted. The recoveries are an indication of how that sample matrix affects analyte recovery.
Dup	: Duplicate Sample - A random sample with each batch is prepared and analyzed in duplicate. The relative percent difference is an indication of precision for the preparation and analysis.
MSRPD	: MS/MSD Relative Percent Difference (RPD) - The MS relative percent difference is an indication of precision for the preparation and analysis.
ND	: Non-detect - Result was below the DQO listed for the analyte.
DQO	: Data Quality Objective - This is the criteria against which the quality control data is compared.

Explanation

435	: Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.

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Laboratory Copy (1 of 3)

4259:06/04/2018

Client: **Rincon Consultants, Inc.**

Address: Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Phone: (760)918-9444ext209 Fax:

Contact Person: Torin Snyder

Project Name: **Malibu WWTP-GW-SNMP/MOU**

Purchase Order Number:

Quote Number: **SP 20150526-01**

Sampler(s) PETER DORAN
RYAN

Sampling Fee: _____ Pickup Fee: _____

Compositor Setup Date: ___/___/___ Time: ___:___

Lab Number: **SP** 1806075 (10th) 25173

TEST DESCRIPTION - See Reverse side for Container, Preservative and Sampling information

Samp Num	Location Description	Date Sampled	Time Sampled	Method of Sampling: Composite(C) Grab(G)	Type of Sample **SEE REVERSE SIDE**	Potable(P) Non-Potable(NP) Ag Water(AgW)	Bacti Type: Other(O) System(SYS) Source(SR) Waste(W)	Bacti Reason: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O) Special(SPL)	Coliform-LTB-Series 15 Tube ***8 Hour Hold Time*** 120ml(PBa)-Na2S2O3	Wet Chemistry-NO3-N,NO2-N,N-Organic,Total P,NH3-N,TDS ***NO2-N, NO3-N-48 Hour Hold Time*** 16oz(P), 16oz(P)-H2SO4	Wet Chemistry-NO3-N,TDS ***NO3-N-48 Hour Hold Time*** 16oz(P)						
~~1~~	~~SMBRP-9~~			G	MW				1	1,1		PD					
2	MCWP-MW04S			G	MW				1	1,1		PD					
3	MCWP-MW07S			G	MW				1	1,1		PD					
4	SMBRP-12			G	MW				1	1,1		PD					
5	MCWP-04D	6/21	1350	G	MW				1	1,1							
6	MCWP-07D	6/21/18	0805	G	MW				1	1,1							
7	MCWP-MW09			G	MW				1	1,1		PD					
8	TV-MW-1			G	MW				1	1,1		PD					
9	LAMW-5S			G	MW				1	1,1		PD					
10	SMBRP-13			G	MW				1	1,1		PD					

Remarks: **Multiple Chains**

2

Relinquished	Date:	Time:	Relinquished	Date:	Time:	Relinquished	Date:	Time:
	6.21.18			6/21/18	1510			
Received By:	**Date:**	**Time:**	**Received By:**	**Date:**	**Time:**	**Received By:**	**Date:**	**Time:**
	6/21/18	1405		6/21/18	1570			

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Laboratory Copy (1 of 3)

4259:06/04/2018

TEST DESCRIPTION - See Reverse side for Container, Preservative and Sampling information

Client: **Rincon Consultants, Inc.**

Address: Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Phone: (760)918-9444ext209 Fax:

Contact Person: Torin Snyder

Project Name: **Malibu WWTP-GW-SNMP/MOU**

Purchase Order Number:

Quote Number: **SP 20150526-01**

Sampler(s) PETER DORAN
RYAN.

Sampling Fee: _____ Pickup Fee: _____

Compositor Setup Date: ___/___/___ Time: ___/___

Lab Number: **SP** 1806251 (2018) 2-25173

Method of Sampling: Composite(C) Grab(G)
Type of Sample **SEE REVERSE SIDE**
Potable(P) Non-Potable(NP) Ag Water(AgW)
Bacti Type: Other(O) System(SYS) Source(SR) Waste(W)
Bacti Reason: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O) Special(SPL)

Samp Num	Location Description	Date Sampled	Time Sampled	Coliform-LTB-Series 15 Tube ***8 Hour Hold Time*** 120ml(PBa)-Na2S2O3	Wet Chemistry-NO3-N,NO2-N,N-Organic,Total P,NH3-N,TDS ***NO2-N, NO3-N-48 Hour Hold Time*** 16oz(P), 16oz(P)-H2SO4	Wet Chemistry-NO3-N,TDS ***NO3-N-48 Hour Hold Time*** 16oz(P)							
11	~~MCWP-MW10~~			1	1,1			PD					
12	CCPE			1	1,1			ID					
13	~~MBCMW-9~~			1	1,1			PD					
14	~~SMBRP-7B~~			1	1,1			PD					
15	MCWP-MW05	6/21/18	1100			1							
16	~~MCWP-MW06~~					1		PD					

Remarks: **Multiple Chains**

Relinquished	Date:	Time:	Relinquished	Date:	Time:	Relinquished	Date:	Time:
	6.21.18			6/21/18	1510			
Received By:	**Date:**	**Time:**	**Received By:**	**Date:**	**Time:**	**Received By:**	**Date:**	**Time:**
	6/21/18	1405		6/21/18	1570			

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Condition Upon Receipt (Attach to COC)

Sample Receipt at SP:

1. Number of ice chests/packages received: **1**
2. Shipper tracking numbers _____
3. Were samples received in a chilled condition?
   Temps: **ROI** / **2** / _____ / _____ / _____ / _____ / _____
4. Surface water (SWTR) bact samples: A sample that has a temperature upon receipt of >10C, whether iced or not, should be flagged unless the time since sample collection has been less than two hours.
5. Do the number of bottles received agree with the COC? **Yes** / **No** / **N/A**
6. Verify sample date, time, sampler **Yes** / **No** / **N/A**
7. Were the samples received intact? (i.e. no broken bottles, leaks, etc.) **Yes** / **No**
8. Were sample custody seals intact? **Yes** / **No** / **N/A**

Sample Verification, Labeling and Distribution:

1. Were all requested analyses understood and acceptable? **Yes** / **No**
2. Did bottle labels correspond with the client's ID's? **Yes** / **No**
3. Were all bottles requiring sample preservation properly preserved? **Yes** / **No** / **N/A** **FGL**
   [Exception: Oil & Grease, VOA and CrVI verified in lab]
4. VOAs checked for Headspace? **Yes** / **No** / **N/A**
5. Were all analyses within holding times at time of receipt? **Yes** / **No**
6. Have rush or project due dates been checked and accepted? **Yes** / **No** / **N/A**

Include a copy of the COC for lab delivery. (Bacti. Inorganics and Radio)

Sample Receipt, Login and Verification completed by: Reviewed and Approved By **Inez Covarrubias** Digitally signed by Inez Covarrubias Title: Sample Receiving Date: 06/21/2018-15:28:32

Discrepency Documentation:

Any items above which are "No" or do not meet specifications (i.e. temps) must be resolved.

1. Person Contacted: _____ Phone Number: _____
   Initiated By: _____ Date: _____
   Problem:

   Resolution:

2. Person Contacted: _____ Phone Number: _____
   Initiated By: _____ Date: _____
   Problem:

   Resolution:

(2025173)
Rincon Consultants, Inc.
SP 1808251
IV-06/21/2018-15:28:32

June 26, 2018

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

SP 1808277:8, 10-12 **COLIFORM BACTERIA ANALYSIS**
Customer ID : 2-25173

System Number :
Project Name : Malibu WWTP-GW-SNMP/MOU

Sample Handling Information

ID	Sample Number	Sample Description	Sample Type/Reason	Sampled By	Employed By	Sampled	Started	Finished
1	SP 1808277-008	SMBRP-11	Source-Other	Peter Doran	Not Available	06/22/2018 08:50	06/22/2018 11:48 lm	06/25/2018 lm
2	SP 1808277-010	SMBRP-13	Source-Other	Peter Doran	Not Available	06/22/2018 08:07	06/22/2018 11:50 lm	06/26/2018 lm
3	SP 1808277-011	MCWP-MW10	Source-Other	Peter Doran	Not Available	06/22/2018 08:35	06/22/2018 11:52 lm	06/26/2018 lm
4	SP 1808277-012	CCPE	Source-Other	Peter Doran	Not Available	06/22/2018 07:35	06/22/2018 11:54 lm	06/26/2018 lm

Analytical Results

ID	Sample Description	Chlorine Total/Free	Temp °C	Method	Units	Total	Fecal	E. Coli	Person Notified ‡	Date ‡ Notified	Time ‡ Notified	Foot Note
1	SMBRP-11	---	---	SM 9221B	MPN/100ml	<1.8 ABSENT	<1.8 ABSENT	---	N/R			
2	SMBRP-13	---	---	SM 9221B	MPN/100ml	<1.8 ABSENT	<1.8 ABSENT	---	N/R			
3	MCWP-MW10	---	---	SM 9221B	MPN/100ml	<1.8 ABSENT	<1.8 ABSENT	---	N/R			
4	CCPE	---	---	SM 9221B	MPN/100ml	4.5 PRESENT	<1.8 ABSENT	---	N/R			

N/R Not Required. MPN Most Probable Number A/P Absence/Presence ‡ Client Notification details.

Analyses were performed using Standard Methods 21st edition. If you have any questions regarding your results, please call.

RRH:SLK

Reviewed and Approved By **Raquel R. Harvey**
Digitally signed by Raquel R. Harvey
Title: Tech Director Microbiology
Date: 2018-06-27

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July 9, 2018

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Lab ID : SP 1808277
Customer : 2-25173

Laboratory Report

Introduction: This report package contains total of 8 pages divided into 3 sections:

Case Narrative	(2 pages)	: An overview of the work performed at FGL.
Sample Results	(4 pages)	: Results for each sample submitted.
Quality Control	(2 pages)	: Supporting Quality Control (QC) results.

Case Narrative

This Case Narrative pertains to the following samples:

Sample Description	Date Sampled	Date Received	FGL Lab ID #	Matrix
SMBRP-11	06/22/2018	06/22/2018	SP 1808277-008	MW
SMBRP-13	06/22/2018	06/22/2018	SP 1808277-010	MW
MCWP-MW10	06/22/2018	06/22/2018	SP 1808277-011	MW
CCPE	06/22/2018	06/22/2018	SP 1808277-012	MW

Sampling and Receipt Information: All samples were received in acceptable condition and within temperature requirements, unless noted on the Condition Upon Receipt (CUR) form. All samples arrived on ice. All samples were prepared and analyzed within the method specified hold time. All samples were checked for pH if acid or base preservation is required (except for VOAs). For details of sample receipt information, please see the attached Chain of Custody and Condition Upon Receipt Form.

Quality Control: All samples were prepared and analyzed according to the following tables:

Inorganic - Wet Chemistry QC

2540CE	06/26/2018:207451 All preparation quality controls are within established criteria
351.2	07/03/2018:207732 All preparation quality controls are within established criteria
4500NH3G	06/25/2018:208991 All analysis quality controls are within established criteria
	06/25/2018:207330 All preparation quality controls are within established criteria
4500NO2F	06/22/2018:207318 All preparation quality controls are within established criteria
4500NO3F	06/22/2018:208969 All analysis quality controls are within established criteria
	06/22/2018:208970 All analysis quality controls are within established criteria

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July 9, 2018 Lab ID : SP 1808277
Rincon Consultants, Inc. Customer : 2-25173

Inorganic - Wet Chemistry QC

4500NO3F	06/22/2018:207317 All preparation quality controls are within established criteria
4500-P B	06/27/2018:207516 All preparation quality controls are within established criteria
4500PE	06/28/2018:209216 All analysis quality controls are within established criteria
EPA351.2	07/05/2018:209595 All analysis quality controls are within established criteria

Certification:: I certify that this data package is in compliance with ELAP standards, both technically and for completeness, except for any conditions listed above. Release of the data contained in this data package is authorized by the Laboratory Director or his designee, as verified by the following electronic signature.

KD:DMB

Approved By **Kelly A. Dunnahoo, B.S.** Digitally signed by Kelly A. Dunnahoo, B.S.
Title: Laboratory Director
Date: 2018-07-09

July 9, 2018

Lab ID : SP 1808277-008
Customer ID : 2-25173

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Sampled On : June 22, 2018-08:50
Sampled By : Peter Doran
Received On : June 22, 2018-11:10
Matrix : Monitoring Well

Description : SMBRP-11
Project : Malibu WWTP-GW-SNMP/MOU

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	14.9	0.1	0.032	mg/L	1		4500NO3F	207317	06/22/18 13:00	4500NO3F	208970-FI207	06/22/18-13:54JDD
Nitrite Nitrogen	0.0200	0.1	0.011	mg/L	1	J	4500NO2F	207318	06/22/18 13:00	4500NO3F	208969-FI207	06/22/18-13:51JDD
Nitrogen, Organic	ND	0.5	0.072	mg/L	1	U	4500NH3G	207330	06/25/18 05:00	4500NH3G	208991-FI207	06/25/18-07:13AMB
Ammonia Nitrogen	1.75	0.2	0.072	mg/L	1		4500NH3G	207330	06/25/18 05:00	4500NH3G	208991-FI207	06/25/18-07:13AMB
Kjeldahl Nitrogen	ND	0.5	0.32	mg/L	1	U	351.2	207732	07/03/18 07:23	EPA351.2	209595-FI206	07/05/18-09:23AMB
Phosphorus, Total	0.104	0.1	0.020	mg/L	1	b	4500-P B	207516	06/27/18 12:30	4500PE	209216-UV205	06/28/18-11:30JMR
Total Dissolved Solids (TFR)	1700	20	5.8	mg/L	1		2540CE	207451	06/26/18 11:57	2540C	209185-WT219	06/27/18-06:37AMB

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
U	Constituent results were non-detect.
J	Reported value is estimated; detected at a concentration below the PQL and above the laboratory MDL.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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July 9, 2018

Lab ID : SP 1808277-010
Customer ID : 2-25173

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Sampled On : June 22, 2018-08:07
Sampled By : Peter Doran
Received On : June 22, 2018-11:10
Matrix : Monitoring Well

Description : SMBRP-13
Project : Malibu WWTP-GW-SNMP/MOU

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	0.200	0.1	0.032	mg/L	1		4500NO3F	207317	06/22/18 13:00	4500NO3F	208970-FI207	06/22/18-13:56JDD
Nitrite Nitrogen	ND	0.1	0.011	mg/L	1	U	4500NO2F	207318	06/22/18 13:00	4500NO3F	208969-FI207	06/22/18-13:54JDD
Nitrogen, Organic	0.101	0.5	0.072	mg/L	1	J	4500NH3G	207330	06/25/18 05:00	4500NH3G	208991-FI207	06/25/18-07:15AMB
Ammonia Nitrogen	0.316	0.2	0.072	mg/L	1		4500NH3G	207330	06/25/18 05:00	4500NH3G	208991-FI207	06/25/18-07:15AMB
Kjeldahl Nitrogen	0.417	0.5	0.32	mg/L	1	J	351.2	207732	07/03/18 07:23	EPA351.2	209595-FI206	07/05/18-09:24AMB
Phosphorus, Total	0.382	0.1	0.020	mg/L	1	b	4500-P B	207516	06/27/18 12:30	4500PE	209216-UV205	06/28/18-11:30JMR
Total Dissolved Solids (TFR)	2660	34	5.8	mg/L	1.7		2540CE	207451	06/26/18 11:57	2540C	209185-WT219	06/27/18-06:59AMB

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
U	Constituent results were non-detect.
J	Reported value is estimated; detected at a concentration below the PQL and above the laboratory MDL.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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July 9, 2018

Lab ID : SP 1808277-011
Customer ID : 2-25173

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Sampled On : June 22, 2018-08:35
Sampled By : Peter Doran
Received On : June 22, 2018-11:10
Matrix : Monitoring Well

Description : MCWP-MW10
Project : Malibu WWTP-GW-SNMP/MOU

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	0.400	0.1	0.032	mg/L	1		4500NO3F	207317	06/22/18 13:00	4500NO3F	208970-FI207	06/22/18-13:59JDD
Nitrite Nitrogen	0.0310	0.1	0.011	mg/L	1	J	4500NO2F	207318	06/22/18 13:00	4500NO3F	208969-FI207	06/22/18-13:56JDD
Nitrogen, Organic	0.395	0.5	0.072	mg/L	1	UJ	4500NH3G	207330	06/25/18 05:00	4500NH3G	208991-FI207	06/25/18-07:17AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	U	4500NH3G	207330	06/25/18 05:00	4500NH3G	208991-FI207	06/25/18-07:17AMB
Kjeldahl Nitrogen	0.395	0.5	0.32	mg/L	1	J	351.2	207732	07/03/18 07:23	EPA351.2	209595-FI206	07/05/18-09:25AMB
Phosphorus, Total	1.56	0.1	0.020	mg/L	1	b	4500-P B	207516	06/27/18 12:30	4500PE	209216-UV205	06/28/18-11:30JMR
Total Dissolved Solids (TFR)	1990	20	5.8	mg/L	1		2540CE	207451	06/26/18 11:57	2540C	209185-WT219	06/27/18-06:53AMB

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
U	Constituent results were non-detect.
J	Reported value is estimated; detected at a concentration below the PQL and above the laboratory MDL.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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July 9, 2018

Lab ID : SP 1808277-012
Customer ID : 2-25173

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Sampled On : June 22, 2018-07:35
Sampled By : Peter Doran
Received On : June 22, 2018-11:10
Matrix : Monitoring Well

Description : CCPE
Project : Malibu WWTP-GW-SNMP/MOU

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	1.60	0.1	0.032	mg/L	1		4500NO3F	207317	06/22/18 13:00	4500NO3F	208970-FI207	06/22/18-14:01JDD
Nitrite Nitrogen	0.0180	0.1	0.011	mg/L	1	J	4500NO2F	207318	06/22/18 13:00	4500NO3F	208969-FI207	06/22/18-13:59JDD
Nitrogen, Organic	1.01	0.5	0.072	mg/L	1		4500NH3G	207330	06/25/18 05:00	4500NH3G	208991-FI207	06/25/18-07:19AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	U	4500NH3G	207330	06/25/18 05:00	4500NH3G	208991-FI207	06/25/18-07:19AMB
Kjeldahl Nitrogen	1.01	0.5	0.32	mg/L	1		351.2	207732	07/03/18 07:23	EPA351.2	209595-FI206	07/05/18-09:26AMB
Phosphorus, Total	0.683	0.1	0.020	mg/L	1	b	4500-P B	207516	06/27/18 12:30	4500PE	209216-UV205	06/28/18-11:30JMR
Total Dissolved Solids (TFR)	690	20	5.8	mg/L	1		2540CE	207451	06/26/18 11:57	2540C	209185-WT219	06/27/18-06:47AMB

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
U	Constituent results were non-detect.
J	Reported value is estimated; detected at a concentration below the PQL and above the laboratory MDL.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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July 9, 2018 Lab ID : SP 1808277
Rincon Consultants, Inc. Customer : 2-25173

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem								
Total Dissolved Solids (TFR)	2540CE	06/26/18:207451CTL	Blank	mg/L		ND	<20	
			LCS	mg/L	992.5	96.1 %	90-110	
		(SP 1808350-001)	Dup	mg/L		3.3%	5	
		(SP 1808350-002)	Dup	mg/L		4.9%	5	
Nitrogen, Total Kjeldahl	351.2	07/03/18:207732jmg	Blank	mg/L		ND	<0.5	
			LCS	mg/L	12.00	85.8 %	73-124	
			MS	mg/L	12.00	88.3 %	54-136	
		(VI 1843072-001)	MSD	mg/L	12.00	88.3 %	54-136	
			MSRPD	mg/L	12.00	0.0%	≤27	
Ammonia Nitrogen	4500NH3G		MS	mg/L	2.000	112 %	70-130	
		(STK1838628-002)	MSD	mg/L	2.000	104 %	70-130	
			MSRPD	mg/L	2.000	7.6%	≤20	
	4500NH3G	06/25/18:208991AMB	CCB	mg/L		0.000	0.1	
			CCV	mg/L	2.000	109 %	90-110	
			CCB	mg/L		-0.083	0.1	
			CCV	mg/L	2.000	108 %	90-110	
Nitrite as Nitrogen	4500NO2F		MS	mg/L	1.218	103 %	50-150	
		(SP 1808251-006)	MSD	mg/L	1.218	104 %	50-150	
			MSRPD	mg/L	1.218	1.1%	≤30	
Nitrate + Nitrite as N	4500NO3F		MS	mg/L	28.17	37.5 %	5-285	
		(SP 1808251-006)	MSD	mg/L	28.17	38.3 %	5-285	
			MSRPD	mg/L	28.17	1.8%	≤30.4	
	4500NO3F	06/22/18:208970JDD	ICB	mg/L		0.173	0.2	
			ICV	mg/L	11.27	94.7 %	90-110	
			CCB	mg/L		0.215	0.2	
			CCV	mg/L	11.27	95.2 %	90-110	
Nitrite as Nitrogen	4500NO3F	06/22/18:208969JDD	ICB	mg/L		0.00800	0.012	
			ICV	mg/L	1.218	103 %	90-110	
			CCB	mg/L		0.00900	0.012	
			CCV	mg/L	1.218	103 %	90-110	
Phosphorus	4500-P B	06/27/18:207516JMR	Blank	mg/L		ND	<0.1	
			LCS	mg/L	0.5000	102 %	90-116	
			MS	mg/L	0.5000	73.1 %	25-292	
		(SP 1808096-001)	MSD	mg/L	0.5000	62.0 %	25-292	
			MSRPD	mg/L	0.5000	7.8%	≤13.2	
Total Phosphorus	4500PE	06/28/18:209216JMR	CCB	mg/L		-0.068	0.1	
			CCV	mg/L	0.5000	94.5 %	90-110	
			CCB	mg/L		-0.089	0.1	
			CCV	mg/L	0.5000	98.0 %	90-110	
Nitrogen, Total Kjeldahl	EPA351.2	07/05/18:209595AMB	CCB	mg/L		0.111	0.5	
			CCV	mg/L	5.000	96.8 %	90-110	
			CCB	mg/L		0.188	0.5	
			CCV	mg/L	5.000	95.8 %	90-110	

Definition

ICV	: Initial Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
ICB	: Initial Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
CCV	: Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
CCB	: Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
Blank	: Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
LCS	: Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.
MS	: Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
MSD	: Matrix Spike Duplicate of MS/MSD pair - A random sample duplicate is spiked with a known amount of analyted. The recoveries are an indication of how that sample matrix affects analyte recovery.
Dup	: Duplicate Sample - A random sample with each batch is prepared and analyzed in duplicate. The relative percent difference is an indication of precision for the preparation and analysis.

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July 9, 2018 Lab ID : SP 1808277
Rincon Consultants, Inc. Customer : 2-25173

Quality Control - Inorganic

Definition	
MSRPD	: MS/MSD Relative Percent Difference (RPD) - The MS relative percent difference is an indication of precision for the preparation and analysis.
ND	: Non-detect - Result was below the DQO listed for the analyte.
DQO	: Data Quality Objective - This is the criteria against which the quality control data is compared.

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Laboratory Copy (1 of 3)

4259:06/04/2018

Client: **Rincon Consultants, Inc.**
Address: Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Phone: (760)918-9444ext209 Fax:
Contact Person: Torin Snyder
Project Name: **Malibu WWTP-GW-SNMP/MOU**
Purchase Order Number:
Quote Number: **SP 20150526-01**

Sampler(s) PETER DORA

Sampling Fee: _____ Pickup Fee: _____
Compositor Setup Date: ___/___/___ Time: ___/___

Lab Number: **SP** 1808277 2-25173

TEST DESCRIPTION - See Reverse side for Container, Preservative and Sampling information

Samp Num	Location Description	Date Sampled	Time Sampled	Method of Sampling: Composite(C) Grab(G)	Type of Sample **SEE REVERSE SIDE**	Potable(P) Non-Potable(NP) Ag Water(AgW)	Bacti Type: Other(O) System(SYS) Source(SR) Waste(W)	Bacti Reason: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O) Special(SPL)	Coliform-LTB-Series 15 Tube ***8 Hour Hold Time*** 120ml(PBa)-Na2S2O3	Wet Chemistry-NO3-N,NO2-N,N-Organic,Total P,NH3-N,TDS ***NO2-N, NO3-N-48 Hour Hold Time*** 16oz(P), 16oz(P)-H2SO4	Wet Chemistry-NO3-N,TDS ***NO3-N-48 Hour Hold Time*** 16oz(P)						
1	~~SMBRP-9~~			G	MW				1	1,1			PO				
2	~~MCWP-MW04S~~			G	MW				1	1,1			PO				
3	~~MCWP-MW07S~~			G	MW				1	1,1			PO				
4	~~SMBRP-12~~			G	MW				1	1,1			PO				
5	~~MCWP-04D~~			G	MW				1	1,1			PO				
6	~~MCWP-07D~~			G	MW				1	1,1			PO				
7	~~MCWP-MW09~~			G	MW				1	1,1			PO				
8	~~TT-MW-1PO~~ SMBRP-11	6-22-16	0850	G	MW				1	1,1							
9	~~LAMW-3S~~			G	MW				1	1,1			PO				
10	SMBRP-13	6-22-16	0807	G	MW				1	1,1							

Remarks: **Multiple Chains**

4

Relinquished	Date:	Time:	Relinquished	Date:	Time:	Relinquished	Date:	Time:
	6-22-16							
Received By:	**Date:**	**Time:**	**Received By:**	**Date:**	**Time:**	**Received By:**	**Date:**	**Time:**
	↓	1110						

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4259:06/04/2018

Client: **Rincon Consultants, Inc.**
Address: Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Phone: (760)918-9444ext209 Fax:
Contact Person: Torin Snyder
Project Name: **Malibu WWTP-GW-SNMP/MOU**
Purchase Order Number:
Quote Number: **SP 20150526-01**

Sampler(s) PETER DORAN

Sampling Fee: _____ Pickup Fee: _____
Compositor Setup Date: ___/___/___ Time: ___/___

Lab Number: **SP** 1808277 **2-25173**

TEST DESCRIPTION - See Reverse side for Container, Preservative and Sampling information

Samp Num	Location Description	Date Sampled	Time Sampled	Method of Sampling: Composite(C) Grab(G)	Type of Sample **SEE REVERSE SIDE**	Potable(P) Non-Potable(NP) Ag Water(AgW)	Bacti Type: Other(O) System(SYS) Source(SR) Waste(W)	Bacti Reason: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O) Special(SPL)	Coliform-LTB-Series 15 Tube ***8 Hour Hold Time*** 120ml(PBa)-Na2S2O3	Wet Chemistry-NO3-N,NO2-N,N-Organic,Total P,NH3-N,TDS ***NO2-N, NO3-N-48 Hour Hold Time*** 16oz(P), 16oz(P)-H2SO4	Wet Chemistry-NO3-N,TDS ***NO3-N-48 Hour Hold Time*** 16oz(P)						
11	MCWP-MW10	6.22.18	0835	G	MW				1	1,1							
12	CCPE	6.22.18	0735	G	MW				1	1,1							
~~13~~	~~MBCMW-9~~			G	MW				1	1,1			PD				
~~14~~	~~SMBRP-7B~~			G	MW				1	1,1			PD				
~~15~~	~~MCWP-MW05~~			G	MW						1		PD				
~~16~~	~~MCWP-MW06~~			G	MW						1		PD				

Remarks: **Multiple Chains**

Relinquished	Date:	Time:	Relinquished	Date:	Time:	Relinquished	Date:	Time:
	62218							
Received By:	**Date:**	**Time:**	**Received By:**	**Date:**	**Time:**	**Received By:**	**Date:**	**Time:**
	↓	1110						

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June 1, 2018

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

SP 1806968:1-10 **COLIFORM BACTERIA ANALYSIS**
Customer ID : 2-25173

System Number :
Project Name : Malibu WWTP - Surface Water Monitoring

Sample Handling Information

ID	Sample Number	Sample Description	Sample Type/Reason	Sampled By	Employed By	Sampled	Started	Finished
1	SP 1806968-001	N-001	Source-Other	J. McClain/J. Pratt	Rincon Consultants	05/25/2018 12:30	05/25/2018 16:03 ajs	05/29/2018 ajs
2	SP 1806968-002	N-002	Source-Other	J. McClain/J. Pratt	Rincon Consultants	05/25/2018 12:15	05/25/2018 16:06 ajs	05/29/2018 ajs
3	SP 1806968-003	N-003	Source-Other	J. McClain/J. Pratt	Rincon Consultants	05/25/2018 11:55	05/25/2018 16:08 ajs	05/27/2018 ajs
4	SP 1806968-004	N-004	Source-Other	J. McClain/J. Pratt	Rincon Consultants	05/25/2018 13:30	05/25/2018 16:11 ajs	05/28/2018 ajs
5	SP 1806968-005	L-001	Source-Other	J. McClain/J. Pratt	Rincon Consultants	05/25/2018 10:45	05/25/2018 16:15 ajs	05/28/2018 ajs
6	SP 1806968-006	L-002	Source-Other	J. McClain/J. Pratt	Rincon Consultants	05/25/2018 10:20	05/25/2018 16:19 ajs	05/28/2018 ajs
7	SP 1806968-007	L-003	Source-Other	J. McClain/J. Pratt	Rincon Consultants	05/25/2018 11:05	05/25/2018 16:22 ajs	05/29/2018 ajs
8	SP 1806968-008	L-004	Source-Other	J. McClain/J. Pratt	Rincon Consultants	05/25/2018 11:20	05/25/2018 16:25 ajs	05/29/2018 ajs
9	SP 1806968-009	L-005	Source-Other	J. McClain/J. Pratt	Rincon Consultants	05/25/2018 13:00	05/25/2018 16:28 ajs	05/27/2018 ajs
10	SP 1806968-010	L-006	Source-Other	J. McClain/J. Pratt	Rincon Consultants	05/25/2018 11:45	05/25/2018 16:30 ajs	05/28/2018 ajs

Analytical Results

ID	Sample Description	Chlorine Total/Free	Temp °C	Method	Units	Total	Fecal	E. Coli	Person Notified ‡	Date ‡ Notified	Time ‡ Notified	Foot Note
1	N-001	---	---	SM 9221B	MPN/100ml	4	<1.8	---	N/R			
2	N-002	---	---	SM 9221B	MPN/100ml	<1.8	<1.8	---	N/R			
3	N-003	---	---	SM 9221B	MPN/100ml	<1.8	<1.8	---	N/R			
4	N-004	---	---	SM 9221B	MPN/100ml	4	<1.8	---	N/R			
5	L-001	---	---	SM 9221B	MPN/100ml	920	49	---	N/R			
6	L-002	---	---	SM 9221B	MPN/100ml	220	4.5	---	N/R			
7	L-003	---	---	SM 9221B	MPN/100ml	110	79	---	N/R			
8	L-004	---	---	SM 9221B	MPN/100ml	94	33	---	N/R			
9	L-005	---	---	SM 9221B	MPN/100ml	>1600	>1600	---	N/R			
10	L-006	---	---	SM 9221B	MPN/100ml	49	7.8	---	N/R			

N/R Not Required. MPN Most Probable Number A/P Absence/Presence ‡ Client Notification details.

Analyses were performed using Standard Methods 22nd edition. If you have any questions regarding your results, please call.

Reviewed and Approved By **Raquel R. Harvey**
Digitally signed by Raquel R. Harvey
Title: Tech Director Microbiology
Date: 2018-06-01

RRH:SLK

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June 12, 2018

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Lab ID : SP 1806968
Customer : 2-25173

Laboratory Report

Introduction: This report package contains total of 14 pages divided into 3 sections:

Case Narrative	(2 pages)	: An overview of the work performed at FGL.
Sample Results	(10 pages)	: Results for each sample submitted.
Quality Control	(2 pages)	: Supporting Quality Control (QC) results.

Case Narrative

This Case Narrative pertains to the following samples:

Sample Description	Date Sampled	Date Received	FGL Lab ID #	Matrix
N-001	05/25/2018	05/25/2018	SP 1806968-001	SW
N-002	05/25/2018	05/25/2018	SP 1806968-002	SW
N-003	05/25/2018	05/25/2018	SP 1806968-003	SW
N-004	05/25/2018	05/25/2018	SP 1806968-004	SW
L-001	05/25/2018	05/25/2018	SP 1806968-005	SW
L-002	05/25/2018	05/25/2018	SP 1806968-006	SW
L-003	05/25/2018	05/25/2018	SP 1806968-007	SW
L-004	05/25/2018	05/25/2018	SP 1806968-008	SW
L-005	05/25/2018	05/25/2018	SP 1806968-009	SW
L-006	05/25/2018	05/25/2018	SP 1806968-010	SW

Sampling and Receipt Information: All samples were received in acceptable condition and within temperature requirements, unless noted on the Condition Upon Receipt (CUR) form. All samples arrived on ice. All samples were prepared and analyzed within the method specified hold time. All samples were checked for pH if acid or base preservation is required (except for VOAs). For details of sample receipt information, please see the attached Chain of Custody and Condition Upon Receipt Form.

Quality Control: All samples were prepared and analyzed according to the following tables:

Inorganic - Wet Chemistry QC

351.2	06/06/2018:206542 All preparation quality controls are within established criteria
4500NH3G	05/30/2018:207636 All analysis quality controls are within established criteria
	05/30/2018:207646 All analysis quality controls are within established criteria
	05/30/2018:206250 All preparation quality controls are within established criteria

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June 12, 2018 Lab ID : SP 1806968
Rincon Consultants, Inc. Customer : 2-25173

Inorganic - Wet Chemistry QC

4500NO2F	05/25/2018:206156 All preparation quality controls are within established criteria
4500NO3F	05/25/2018:207521 All analysis quality controls are within established criteria
	05/25/2018:207523 All analysis quality controls are within established criteria
	05/25/2018:206155 All preparation quality controls are within established criteria
4500-P B	05/29/2018:206218 All preparation quality controls are within established criteria
4500PE	05/30/2018:207584 All analysis quality controls are within established criteria
EPA351.2	06/06/2018:208138 All analysis quality controls are within established criteria

Certification:: I certify that this data package is in compliance with ELAP standards, both technically and for completeness, except for any conditions listed above. Release of the data contained in this data package is authorized by the Laboratory Director or his designee, as verified by the following electronic signature.

KD:DMB

Approved By **Kelly A. Dunnahoo, B.S.** Digitally signed by Kelly A. Dunnahoo, B.S.
Title: Laboratory Director
Date: 2018-06-12

June 12, 2018

Lab ID : SP 1806968-001
Customer ID : 2-25173

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Sampled On : May 25, 2018-12:30
Sampled By : J. McClain/J. Pratt
Received On : May 25, 2018-15:05
Matrix : Surface Water

Description : N-001
Project : Malibu WWTP - Surface Water Monitoring

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	0.0800	0.1	0.032	mg/L	1	J	4500NO3F	206155	05/25/18 12:15	4500NO3F	207523-FI207	05/25/18-16:12JDD
Nitrite Nitrogen	0.0110	0.1	0.011	mg/L	1	J	4500NO2F	206156	05/25/18 16:00	4500NO3F	207521-FI207	05/25/18-16:10JDD
Nitrogen, Organic	ND	0.5	0.072	mg/L	1	U	4500NH3G	206250	05/30/18 05:00	4500NH3G	207636-FI207	05/30/18-07:10AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	U	4500NH3G	206250	05/30/18 05:00	4500NH3G	207636-FI207	05/30/18-07:10AMB
Kjeldahl Nitrogen	ND	0.5	0.32	mg/L	1	U	351.2	206542	06/06/18 07:20	EPA351.2	208138-FI206	06/06/18-14:41JDD
Phosphorus, Total	ND	0.1	0.020	mg/L	1	<b	4500-P B	206218	05/29/18 12:30	4500PE	207584-UV205	05/30/18-11:20JMR

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
U	Constituent results were non-detect.
J	Reported value is estimated; detected at a concentration below the PQL and above the laboratory MDL.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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June 12, 2018

Lab ID : SP 1806968-002
Customer ID : 2-25173

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Sampled On : May 25, 2018-12:15
Sampled By : J. McClain/J. Pratt
Received On : May 25, 2018-15:05
Matrix : Surface Water

Description : N-002
Project : Malibu WWTP - Surface Water Monitoring

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	0.0700	0.1	0.032	mg/L	1	J	4500NO3F	206155	05/25/18 12:15	4500NO3F	207523-FI207	05/25/18-16:14JDD
Nitrite Nitrogen	0.0110	0.1	0.011	mg/L	1	J	4500NO2F	206156	05/25/18 16:00	4500NO3F	207521-FI207	05/25/18-16:11JDD
Nitrogen, Organic	ND	0.5	0.072	mg/L	1	U	4500NH3G	206250	05/30/18 05:00	4500NH3G	207636-FI207	05/30/18-07:19AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	U	4500NH3G	206250	05/30/18 05:00	4500NH3G	207636-FI207	05/30/18-07:19AMB
Kjeldahl Nitrogen	ND	0.5	0.32	mg/L	1	U	351.2	206542	06/06/18 07:20	EPA351.2	208138-FI206	06/06/18-14:42JDD
Phosphorus, Total	ND	0.1	0.020	mg/L	1	Ub	4500-P B	206218	05/29/18 12:30	4500PE	207584-UV205	05/30/18-11:20JMR

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
U	Constituent results were non-detect.
J	Reported value is estimated; detected at a concentration below the PQL and above the laboratory MDL.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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June 12, 2018

Lab ID : SP 1806968-003
Customer ID : 2-25173

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Sampled On : May 25, 2018-11:55
Sampled By : J. McClain/J. Pratt
Received On : May 25, 2018-15:05
Matrix : Surface Water

Description : N-003
Project : Malibu WWTP - Surface Water Monitoring

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	0.0700	0.1	0.032	mg/L	1	J	4500NO3F	206155	05/25/18 12:15	4500NO3F	207523-FI207	05/25/18-16:16JDD
Nitrite Nitrogen	0.0110	0.1	0.011	mg/L	1	J	4500NO2F	206156	05/25/18 16:00	4500NO3F	207521-FI207	05/25/18-16:14JDD
Nitrogen, Organic	ND	0.5	0.072	mg/L	1	U	4500NH3G	206250	05/30/18 05:00	4500NH3G	207636-FI207	05/30/18-07:22AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	U	4500NH3G	206250	05/30/18 05:00	4500NH3G	207636-FI207	05/30/18-07:22AMB
Kjeldahl Nitrogen	ND	0.5	0.32	mg/L	1	U	351.2	206542	06/06/18 07:20	EPA351.2	208138-FI206	06/06/18-14:43JDD
Phosphorus, Total	ND	0.1	0.020	mg/L	1	Ub	4500-P B	206218	05/29/18 12:30	4500PE	207584-UV205	05/30/18-11:20JMR

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
U	Constituent results were non-detect.
J	Reported value is estimated; detected at a concentration below the PQL and above the laboratory MDL.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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June 12, 2018

Lab ID : SP 1806968-004
Customer ID : 2-25173

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Sampled On : May 25, 2018-13:30
Sampled By : J. McClain/J. Pratt
Received On : May 25, 2018-15:05
Matrix : Surface Water

Description : N-004
Project : Malibu WWTP - Surface Water Monitoring

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	0.0800	0.1	0.032	mg/L	1	J	4500NO3F	206155	05/25/18 12:15	4500NO3F	207523-FI207	05/25/18-16:19JDD
Nitrite Nitrogen	0.0130	0.1	0.011	mg/L	1	J	4500NO2F	206156	05/25/18 16:00	4500NO3F	207521-FI207	05/25/18-16:16JDD
Nitrogen, Organic	ND	0.5	0.072	mg/L	1	U	4500NH3G	206250	05/30/18 05:00	4500NH3G	207636-FI207	05/30/18-07:08AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	U	4500NH3G	206250	05/30/18 05:00	4500NH3G	207636-FI207	05/30/18-07:08AMB
Kjeldahl Nitrogen	ND	0.5	0.32	mg/L	1	U	351.2	206542	06/06/18 07:20	EPA351.2	208138-FI206	06/06/18-14:44JDD
Phosphorus, Total	ND	0.1	0.020	mg/L	1	Ub	4500-P B	206218	05/29/18 12:30	4500PE	207584-UV205	05/30/18-11:20JMR

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
U	Constituent results were non-detect.
J	Reported value is estimated; detected at a concentration below the PQL and above the laboratory MDL.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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June 12, 2018

Lab ID : SP 1806968-005
Customer ID : 2-25173

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Sampled On : May 25, 2018-10:45
Sampled By : J. McClain/J. Pratt
Received On : May 25, 2018-15:05
Matrix : Surface Water

Description : L-001
Project : Malibu WWTP - Surface Water Monitoring

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	0.0700	0.1	0.032	mg/L	1	J	4500NO3F	206155	05/25/18 12:15	4500NO3F	207523-FI207	05/25/18-16:21JDD
Nitrite Nitrogen	0.0110	0.1	0.011	mg/L	1	J	4500NO2F	206156	05/25/18 16:00	4500NO3F	207521-FI207	05/25/18-16:19JDD
Nitrogen, Organic	0.400	0.5	0.072	mg/L	1	UJ	4500NH3G	206250	05/30/18 05:00	4500NH3G	207636-FI207	05/30/18-07:12AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	U	4500NH3G	206250	05/30/18 05:00	4500NH3G	207636-FI207	05/30/18-07:12AMB
Kjeldahl Nitrogen	0.400	0.5	0.32	mg/L	1	J	351.2	206542	06/06/18 07:20	EPA351.2	208138-FI206	06/06/18-14:45JDD
Phosphorus, Total	0.285	0.1	0.020	mg/L	1	b	4500-P B	206218	05/29/18 12:30	4500PE	207584-UV205	05/30/18-11:20JMR

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
U	Constituent results were non-detect.
J	Reported value is estimated; detected at a concentration below the PQL and above the laboratory MDL.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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June 12, 2018

Lab ID : SP 1806968-006
Customer ID : 2-25173

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Sampled On : May 25, 2018-10:20
Sampled By : J. McClain/J. Pratt
Received On : May 25, 2018-15:05
Matrix : Surface Water

Description : L-002
Project : Malibu WWTP - Surface Water Monitoring

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	0.0600	0.1	0.032	mg/L	1	J	4500NO3F	206155	05/25/18 12:15	4500NO3F	207523-FI207	05/25/18-16:24JDD
Nitrite Nitrogen	0.0120	0.1	0.011	mg/L	1	J	4500NO2F	206156	05/25/18 16:00	4500NO3F	207521-FI207	05/25/18-16:21JDD
Nitrogen, Organic	ND	0.5	0.072	mg/L	1	U	4500NH3G	206250	05/30/18 05:00	4500NH3G	207646-FI207	05/30/18-08:53AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	U	4500NH3G	206250	05/30/18 05:00	4500NH3G	207646-FI207	05/30/18-08:53AMB
Kjeldahl Nitrogen	ND	0.5	0.32	mg/L	1	U	351.2	206542	06/06/18 07:20	EPA351.2	208138-FI206	06/06/18-14:46JDD
Phosphorus, Total	0.145	0.1	0.020	mg/L	1	b	4500-P B	206218	05/29/18 12:30	4500PE	207584-UV205	05/30/18-11:20JMR

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
U	Constituent results were non-detect.
J	Reported value is estimated; detected at a concentration below the PQL and above the laboratory MDL.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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June 12, 2018

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Description : L-003
Project : Malibu WWTP - Surface Water Monitoring

Lab ID : SP 1806968-007
Customer ID : 2-25173

Sampled On : May 25, 2018-11:05
Sampled By : J. McClain/J. Pratt
Received On : May 25, 2018-15:05
Matrix : Surface Water

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	0.0600	0.1	0.032	mg/L	1	J	4500NO3F	206155	05/25/18 12:15	4500NO3F	207523-FI207	05/25/18-16:26JDD
Nitrite Nitrogen	0.0120	0.1	0.011	mg/L	1	J	4500NO2F	206156	05/25/18 16:00	4500NO3F	207521-FI207	05/25/18-16:24JDD
Nitrogen, Organic	0.906	0.5	0.072	mg/L	1		4500NH3G	206250	05/30/18 05:00	4500NH3G	207646-FI207	05/30/18-08:51AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	U	4500NH3G	206250	05/30/18 05:00	4500NH3G	207646-FI207	05/30/18-08:51AMB
Kjeldahl Nitrogen	0.906	0.5	0.32	mg/L	1		351.2	206542	06/06/18 07:20	EPA351.2	208138-FI206	06/06/18-14:50JDD
Phosphorus, Total	0.224	0.1	0.020	mg/L	1	b	4500-P B	206218	05/29/18 12:30	4500PE	207584-UV205	05/30/18-11:20JMR

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
U	Constituent results were non-detect.
J	Reported value is estimated; detected at a concentration below the PQL and above the laboratory MDL.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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June 12, 2018

Lab ID : SP 1806968-008
Customer ID : 2-25173

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Sampled On : May 25, 2018-11:20
Sampled By : J. McClain/J. Pratt
Received On : May 25, 2018-15:05
Matrix : Surface Water

Description : L-004
Project : Malibu WWTP - Surface Water Monitoring

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	0.0600	0.1	0.032	mg/L	1	J	4500NO3F	206155	05/25/18 12:15	4500NO3F	207523-FI207	05/25/18-16:29JDD
Nitrite Nitrogen	0.0120	0.1	0.011	mg/L	1	J	4500NO2F	206156	05/25/18 16:00	4500NO3F	207521-FI207	05/25/18-16:26JDD
Nitrogen, Organic	0.729	0.5	0.072	mg/L	1		4500NH3G	206250	05/30/18 05:00	4500NH3G	207636-FI207	05/30/18-07:17AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	U	4500NH3G	206250	05/30/18 05:00	4500NH3G	207636-FI207	05/30/18-07:17AMB
Kjeldahl Nitrogen	0.729	0.5	0.32	mg/L	1		351.2	206542	06/06/18 07:20	EPA351.2	208138-FI206	06/06/18-14:51JDD
Phosphorus, Total	0.180	0.1	0.020	mg/L	1	b	4500-P B	206218	05/29/18 12:30	4500PE	207584-UV205	05/30/18-11:20JMR

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
U	Constituent results were non-detect.
J	Reported value is estimated; detected at a concentration below the PQL and above the laboratory MDL.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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FAX: (559)734-8435
CA ELAP Certification No. 2810

June 12, 2018

Lab ID : SP 1806968-009
Customer ID : 2-25173

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Sampled On : May 25, 2018-13:00
Sampled By : J. McClain/J. Pratt
Received On : May 25, 2018-15:05
Matrix : Surface Water

Description : L-005
Project : Malibu WWTP - Surface Water Monitoring

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	0.0700	0.1	0.032	mg/L	1	J	4500NO3F	206155	05/25/18 12:15	4500NO3F	207523-FI207	05/25/18-16:31JDD
Nitrite Nitrogen	0.0120	0.1	0.011	mg/L	1	J	4500NO2F	206156	05/25/18 16:00	4500NO3F	207521-FI207	05/25/18-16:29JDD
Nitrogen, Organic	0.940	0.5	0.072	mg/L	1		4500NH3G	206250	05/30/18 05:00	4500NH3G	207636-FI207	05/30/18-07:14AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	U	4500NH3G	206250	05/30/18 05:00	4500NH3G	207636-FI207	05/30/18-07:14AMB
Kjeldahl Nitrogen	0.940	0.5	0.32	mg/L	1		351.2	206542	06/06/18 07:20	EPA351.2	208138-FI206	06/06/18-14:52JDD
Phosphorus, Total	0.411	0.1	0.020	mg/L	1	b	4500-P B	206218	05/29/18 12:30	4500PE	207584-UV205	05/30/18-11:20JMR

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
U	Constituent results were non-detect.
J	Reported value is estimated; detected at a concentration below the PQL and above the laboratory MDL.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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CA ELAP Certification No. 2810

June 12, 2018

Lab ID : SP 1806968-010
Customer ID : 2-25173

Rincon Consultants, Inc.
Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Sampled On : May 25, 2018-11:45
Sampled By : J. McClain/J. Pratt
Received On : May 25, 2018-15:05
Matrix : Surface Water

Description : L-006
Project : Malibu WWTP - Surface Water Monitoring

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Wet Chemistry												
Nitrate Nitrogen	0.0600	0.1	0.032	mg/L	1	J	4500NO3F	206155	05/25/18 12:15	4500NO3F	207523-FI207	05/25/18-16:34JDD
Nitrite Nitrogen	0.0130	0.1	0.011	mg/L	1	J	4500NO2F	206156	05/25/18 16:00	4500NO3F	207521-FI207	05/25/18-16:31JDD
Nitrogen, Organic	0.456	0.5	0.072	mg/L	1	UJ	4500NH3G	206250	05/30/18 05:00	4500NH3G	207636-FI207	05/30/18-07:24AMB
Ammonia Nitrogen	ND	0.2	0.072	mg/L	1	U	4500NH3G	206250	05/30/18 05:00	4500NH3G	207636-FI207	05/30/18-07:24AMB
Kjeldahl Nitrogen	0.456	0.5	0.32	mg/L	1	J	351.2	206542	06/06/18 07:20	EPA351.2	208138-FI206	06/06/18-14:53JDD
Phosphorus, Total	0.177	0.1	0.020	mg/L	1	b	4500-P B	206218	05/29/18 12:30	4500PE	207584-UV205	05/30/18-11:20JMR

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
U	Constituent results were non-detect.
J	Reported value is estimated; detected at a concentration below the PQL and above the laboratory MDL.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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CA ELAP Certification No. 2810

June 12, 2018 Lab ID : SP 1806968
Rincon Consultants, Inc. Customer : 2-25173

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem								
Nitrogen, Total Kjeldahl	351.2	06/06/18:206542jmg	Blank	mg/L		ND	<0.5	
			LCS	mg/L	12.00	88.3 %	73-124	
			MS	mg/L	12.00	88.3 %	54-136	
		(VI 1842372-007)	MSD	mg/L	12.00	86.6 %	54-136	
			MSRPD	mg/L	12.00	1.9%	≤27	
Ammonia Nitrogen	4500NH3G		MS	mg/L	2.000	102 %	70-130	
		(CH 1873799-001)	MSD	mg/L	2.000	104 %	70-130	
			MSRPD	mg/L	2.000	1.7%	≤20	
	4500NH3G	05/30/18:207636AMB	CCB	mg/L		0.004	0.1	
			CCV	mg/L	2.000	109 %	90-110	
			CCB	mg/L		0.000	0.1	
			CCV	mg/L	2.000	109 %	90-110	
	4500NH3G	05/30/18:207646AMB	ICB	mg/L		0.000	0.1	
			ICV	mg/L	2.000	107 %	90-110	
			CCB	mg/L		0.000	0.1	
			CCV	mg/L	2.000	106 %	90-110	
Nitrite as Nitrogen	4500NO2F		MS	mg/L	1.218	102 %	50-150	
		(CH 1873801-001)	MSD	mg/L	1.218	108 %	50-150	
			MSRPD	mg/L	1.218	5.3%	≤30	
Nitrate + Nitrite as N	4500NO3F		MS	mg/L	28.17	39.2 %	5-285	
		(CH 1873801-001)	MSD	mg/L	28.17	38.9 %	5-285	
			MSRPD	mg/L	28.17	0.3%	≤30.4	
	4500NO3F	05/25/18:207523JDD	CCB	mg/L		0.052	0.2	
			CCV	mg/L	11.27	97.2 %	90-110	
			CCB	mg/L		0.059	0.2	
			CCV	mg/L	11.27	97.2 %	90-110	
Nitrite as Nitrogen	4500NO3F	05/25/18:207521JDD	CCB	mg/L		0.00700	0.012	
			CCV	mg/L	1.218	107 %	90-110	
			CCB	mg/L		0.0100	0.012	
			CCV	mg/L	1.218	106 %	90-110	
Phosphorus	4500-P B	05/29/18:206218JMR	Blank	mg/L		ND	<0.1	
			LCS	mg/L	0.5000	100 %	90-116	
			MS	mg/L	0.5000	78.3 %	25-292	
		(SP 1806968-001)	MSD	mg/L	0.5000	69.0 %	25-292	
			MSRPD	mg/L	0.5000	0.047	≤0.1	
Total Phosphorus	4500PE	05/30/18:207584JMR	CCB	mg/L		-0.074	0.1	
			CCV	mg/L	0.5000	104 %	90-110	
			CCB	mg/L		0.011	0.1	
			CCV	mg/L	0.5000	96.2 %	90-110	
			CCB	mg/L		-0.060	0.1	
			CCV	mg/L	0.5000	99.8 %	90-110	
Nitrogen, Total Kjeldahl	EPA351.2	06/06/18:208138JDD	ICB	mg/L		-0.171	0.5	
			ICV	mg/L	5.000	93.8 %	90-110	
			CCB	mg/L		-0.248	0.5	
			CCV	mg/L	5.000	93.8 %	90-110	
			CCB	mg/L		-0.215	0.5	
			CCV	mg/L	5.000	94.8 %	90-110	

Definition

ICV	: Initial Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
ICB	: Initial Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
CCV	: Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
CCB	: Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
Blank	: Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
LCS	: Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.
MS	: Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.

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June 12, 2018 Lab ID : SP 1806968

Rincon Consultants, Inc. Customer : 2-25173

Quality Control - Inorganic

Definition	
MSD	: Matrix Spike Duplicate of MS/MSD pair - A random sample duplicate is spiked with a known amount of analyted. The recoveries are an indication of how that sample matrix affects analyte recovery.
MSRPD	: MS/MSD Relative Percent Difference (RPD) - The MS relative percent difference is an indication of precision for the preparation and analysis.
ND	: Non-detect - Result was below the DQO listed for the analyte.
DQO	: Data Quality Objective - This is the criteria against which the quality control data is compared.

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Laboratory Copy (1 of 3)

4053:06/04/2018

TEST DESCRIPTION - See Reverse side for Container, Preservative and Sampling information

Client: **Rincon Consultants, Inc.**

Address: Attn: Torin Snyder
180 N. Ashwood Ave.
Ventura, CA 93003

Phone: (760)918-9444ext209 Fax:

Contact Person: Torin Snyder

Project Name: **Malibu WWTP - SW Monitoring**

Purchase Order Number:

Quote Number: **SP 20150526-01**

Sampler(s) Rincon Consultants
Jaime McClain / Jamie Pratt

Sampling Fee: _____ Pickup Fee: _____

Compositor Setup Date: ___/___/___ Time: ___/___

Lab Number: **SP** 1806968 2-25173

Samp Num	Location Description	Date Sampled	Time Sampled	Method of Sampling: Composite(C) Grab(G)	Type of Sample **SEE REVERSE SIDE**	Potable(P) Non-Potable(NP) Ag Water(AgW)	Bacti Type: Other(O) System(SYS) Source(SR) Waste(W)	Bacti Reason: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O) Special(SPL)	Coliform-LTB-Series 15 Tube ***8 Hour Hold Time*** 120ml(PBa)-Na2S2O3	Wet Chemistry-NO3-N,NO2-N,N-Organic,Total P,NH3-N ***NO2-N, NO3-N-48 Hour Hold Time*** 16oz(P), 16oz(P)-H2SO4							
1	N-001	5/25/18	1230	G	SW				1	1,1							
2	N-002	5/25/18	1215	G	SW				1	1,1							
3	N-003	5/25/18	1155	G	SW				1	1,1							
4	N-004	5/25/18	1330	G	SW				1	1,1							
5	L-001	5/25/18	1045	G	SW				1	1,1							
6	L-002	5/25/18	1020	G	SW				1	1,1							
7	L-003	5/25/18	1105	G	SW				1	1,1							
8	L-004	5/25/18	1120	G	SW				1	1,1							
9	L-005	5/25/18	1300	G	SW				1	1,1							
10	L-006	5/25/18	1145	G	SW				1	1,1							

Remarks:

16°

Relinquished	Date:	Time:	Relinquished	Date:	Time:	Relinquished	Date:	Time:
Jaime McClain	5/25/18	1505						
Received By:	**Date:**	**Time:**	**Received By:**	**Date:**	**Time:**	**Received By:**	**Date:**	**Time:**

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Fax: (559) 734-8435

Condition Upon Receipt (Attach to COC)

Sample Receipt at SP:

1. Number of ice chests/packages received: **OTC**
2. Shipper tracking numbers _____
3. Were samples received in a chilled condition?
   Temps: **ROI** / **16** / _____ / _____ / _____ / _____ / _____
4. Surface water (SWTR) bact samples: A sample that has a temperature upon receipt of >10C, whether iced or not, should be flagged unless the time since sample collection has been less than two hours.
5. Do the number of bottles received agree with the COC? **Yes** / **No** / **N/A**
6. Verify sample date, time, sampler **Yes** / **No** / **N/A**
7. Were the samples received intact? (i.e. no broken bottles, leaks, etc.) **Yes** / **No**
8. Were sample custody seals intact? **Yes** / **No** / **N/A**

Sample Verification, Labeling and Distribution:

1. Were all requested analyses understood and acceptable? **Yes** / **No**
2. Did bottle labels correspond with the client's ID's? **Yes** / **No**
3. Were all bottles requiring sample preservation properly preserved? **Yes** / **No** / **N/A** **FGL**
   [Exception: Oil & Grease, VOA and CrVI verified in lab]
4. VOAs checked for Headspace? **Yes** / **No** / **N/A**
5. Were all analyses within holding times at time of receipt? **Yes** / **No**
6. Have rush or project due dates been checked and accepted? **Yes** / **No** / **N/A**

Include a copy of the COC for lab delivery. (Bacti. Inorganics and Radio)

Sample Receipt, Login and Verification completed by: Reviewed and Approved By **Cynthia T Casarez** Digitally signed by Cynthia T Casarez Title: Sample Receiving Date: 05/29/2018-17:12:43

Discrepency Documentation:

Any items above which are "No" or do not meet specifications (i.e. temps) must be resolved.

1. Person Contacted: _____ Phone Number: _____
   Initiated By: _____ Date: _____
   Problem:

   Resolution:

2. Person Contacted: _____ Phone Number: _____
   Initiated By: _____ Date: _____
   Problem:

   Resolution:

(2025173)
Rincon Consultants, Inc.
SP 1806968
CTC-05/29/2018-17:12:43

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LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

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

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

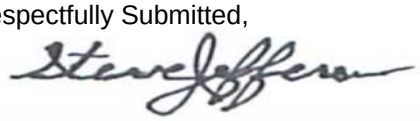
Attention: Ric Vardel
Report Date: 14-May-18 18:24
Subject: (MCC) Daily Effluent

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

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

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 5/14/2018
Laboratory Director

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

CHAIN OF CUSTODY RECORD

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

Environmental Sample

Sample I.D.#: 18D0619

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

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

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

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

Sample Received Checklist

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

Compliance Monitor

Initial Flow _____
Final Flow _____

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

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

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

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

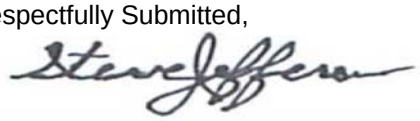
Attention: Ric Vardel
Report Date: 14-May-18 18:27
Subject: (MCC) Daily Effluent

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

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

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 5/14/2018
Laboratory Director

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

CHAIN OF CUSTODY RECORD

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

Environmental Sample

Sample I.D.#: 18D0624

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

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

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

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

Sample Received Checklist

Temperature upon receipt: 4 °C

# of bottles agrees with COC? (Yes) No

Samples intact? (Yes) No

Samples properly preserved? (Yes) No

Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type: (Grab) Comp

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

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

Preservations

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

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

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

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

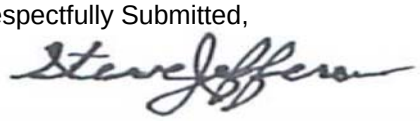
Attention: Ric Vardel
Report Date: 14-May-18 18:29
Subject: (MCC) Daily Effluent

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

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

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 5/14/2018
Laboratory Director

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

CHAIN OF CUSTODY RECORD

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

Environmental Sample

Sample I.D.#: 18D0639

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

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

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

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

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC? (Yes) No

Samples intact? (Yes) No

Samples properly preserved? (Yes) No

Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type: (Grab) Comp

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

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

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

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

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

2. Independent Contractor

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

3. Orders and Acceptance

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

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

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

4. Limit of Liability

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

5. Clients Responsibility

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

6. Cancellation

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

7. Overriding Agreement

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

8. Force Majeure

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

9. Confidentiality

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

10. Hold Harmless

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

11. Hazardous Substances

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

12. Prices/Payments

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

13. Agreement Modification

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

14. No Third Party Beneficiaries: No Right of Reliance

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

15. Rush Analysis

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

16. Holding Times

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

17. Sample Retention

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

18. Sample Pick Up/Field Tech Sampling

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

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

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

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

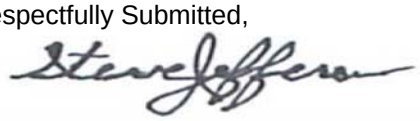
Attention: Ric Vardel
Report Date: 14-May-18 18:31
Subject: (MCC) Daily Effluent

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

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

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 5/14/2018
Laboratory Director

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

CHAIN OF CUSTODY RECORD

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

Environmental Sample

Sample I.D.#: 18E0028

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

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

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

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC? (Yes) No

Samples intact? (Yes) No

Samples properly preserved? (Yes) No

Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____

Final Flow _____

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

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

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

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

2. Independent Contractor

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

3. Orders and Acceptance

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

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

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

4. Limit of Liability

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

5. Clients Responsibility

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

6. Cancellation

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

7. Overriding Agreement

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

8. Force Majeure

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

9. Confidentiality

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

10. Hold Harmless

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

11. Hazardous Substances

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

12. Prices/Payments

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

13. Agreement Modification

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

14. No Third Party Beneficiaries: No Right of Reliance

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

15. Rush Analysis

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

16. Holding Times

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

17. Sample Retention

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

18. Sample Pick Up/Field Tech Sampling

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

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

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

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

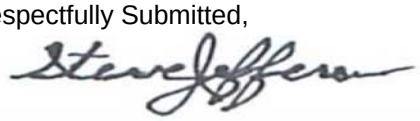
Attention: Ric Vardel
Report Date: 14-May-18 18:33
Subject: (MCC) Daily Effluent

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

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

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 5/14/2018
Laboratory Director

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

CHAIN OF CUSTODY RECORD

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

Environmental Sample

Sample I.D.#: 18EC057

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

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

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

Sample Received Checklist

Temperature upon receipt: 4°C

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

Compliance Monitor

Initial Flow _____

Final Flow _____

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

Preservations

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

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

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

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

2. Independent Contractor

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

3. Orders and Acceptance

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

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

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

4. Limit of Liability

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

5. Clients Responsibility

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

6. Cancellation

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

7. Overriding Agreement

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

8. Force Majeure

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

9. Confidentiality

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

10. Hold Harmless

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

11. Hazardous Substances

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

12. Prices/Payments

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

13. Agreement Modification

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

14. No Third Party Beneficiaries: No Right of Reliance

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

15. Rush Analysis

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

16. Holding Times

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

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PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

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

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

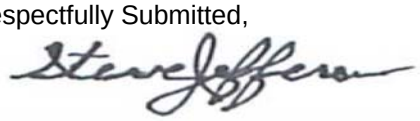
Attention: Ric Vardel
Report Date: 14-May-18 18:35
Subject: (MCC) Daily Effluent

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

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

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 5/14/2018
Laboratory Director

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

CHAIN OF CUSTODY RECORD

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

Environmental Sample

Sample I.D.#: 1805093

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

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

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

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

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

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

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

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

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

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

2. Independent Contractor

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

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

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

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

4. Limit of Liability

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

5. Clients Responsibility

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

6. Cancellation

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

7. Overriding Agreement

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

8. Force Majeure

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

9. Confidentiality

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

10. Hold Harmless

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

11. Hazardous Substances

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

12. Prices/Payments

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

13. Agreement Modification

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

14. No Third Party Beneficiaries: No Right of Reliance

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

15. Rush Analysis

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

16. Holding Times

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

17. Sample Retention

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

18. Sample Pick Up/Field Tech Sampling

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

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

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

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

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

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

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

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 5/14/2018
Laboratory Director

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

CHAIN OF CUSTODY RECORD

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

Environmental Sample

Sample I.D.#: 1BE00094

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

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

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

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

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

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

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

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

2. Independent Contractor

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

3. Orders and Acceptance

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

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

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

4. Limit of Liability

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

5. Clients Responsibility

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

6. Cancellation

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

7. Overriding Agreement

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

8. Force Majeure

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

9. Confidentiality

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

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to attorneys' fees, the obligations asserted and awarded arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of or in connection with the performance of services by PCL pursuant to this agreement, which is proximately caused or deemed to be caused by negligence, willful misconduct or breach of agreement by PCL, its employees, agents or subcontractors. Without limiting the generality of the foregoing, client shall indemnify PCL and the Indemnified Persons from and against any and all liabilities, losses, damages, claims, costs and expenses (including reasonable attorneys' fees and disbursements) arising out of or in connection with the negligence of or breach of contract by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any rights which the Indemnified Persons may have at law or in equity. Client agrees that its indemnity obligation will be supported by adequate liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted and/or applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) arising from (1) delays or other law (including, without limitation, attorney's fees, court costs, and pre and post judgment interest), or any other expenses or costs incurred by client or any other person by litigation against or involving PCL or any Indemnified person in connection with this agreement or all services provided under this agreement, even if client is the prevailing party.

11. Hazardous Substances

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

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analyses are completed is required for all new clients or with a history of nonpayment and for clients who have not been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoice. To the fullest extent permitted by law or by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.50%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedures or actions.

13. Agreement Modification

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

14. No Third Party Beneficiaries; No Right of Reliance

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

15. Rush Analysis

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

16. Holding Times

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

17. Sample Retention

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

18. Sample Pick Up/Field Tech Sampling

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

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

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

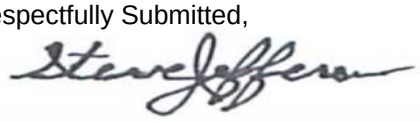
Attention: Ric Vardel
Report Date: 14-May-18 18:14
Subject: (MCC) Weekly INF

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

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

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 5/14/2018
Laboratory Director

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

CHAIN OF CUSTODY RECORD

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

Environmental Sample

Sample I.D.#: 18Eco 95

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

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

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

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

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

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

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

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

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

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

2. Independent Contractor

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

3. Orders and Acceptance

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

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

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

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

4. Limit of Liability

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

5. Clients Responsibility

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

6. Cancellation

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

7. Overriding Agreement

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

8. Force Majeure

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

9. Confidentiality

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

10. Hold Harmless

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

11. Hazardous Substances

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

12. Prices/Payments

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

13. Agreement Modification

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

14. No Third Party Beneficiaries; No Right of Reliance

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

15. Rush Analysis

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

16. Holding Times

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

17. Sample Retention

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

18. Sample Pick Up/Field Tech Sampling

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

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

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

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

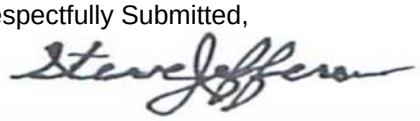
Attention: Ric Vardel
Report Date: 14-May-18 18:38
Subject: (MCC) Daily Effluent

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

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

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 5/14/2018
Laboratory Director

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

CHAIN OF CUSTODY RECORD

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

Environmental Sample

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

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

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

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

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

Sample Received Checklist

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

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

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

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

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

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

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

2. Independent Contractor

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

3. Orders and Acceptance

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

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

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

4. Limit of Liability

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

5. Clients Responsibility

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

6. Cancellation

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

7. Overriding Agreement

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

8. Force Majeure

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

9. Confidentiality

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

10. Hold Harmless

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

11. Hazardous Substances

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

12. Prices/Payments

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

13. Agreement Modification

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

14. No Third Party Beneficiaries: No Right of Reliance

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

15. Rush Analysis

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

16. Holding Times

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

17. Sample Retention

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

18. Sample Pick Up/Field Tech Sampling

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

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

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

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

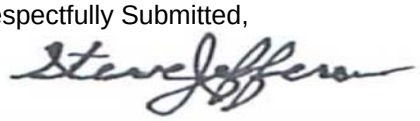
Attention: Ric Vardel
Report Date: 14-May-18 18:41
Subject: (MCC) Daily Effluent

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

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

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 5/14/2018
Laboratory Director

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

CHAIN OF CUSTODY RECORD

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

Environmental Sample

Sample I.D.#: 18E0140

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

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

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

Sample Received Checklist

Temperature upon receipt: 4/0

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

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

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

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

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

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

Pat-Chem Laboratories (PCL) Terms and Conditions

1. **Definitions**

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

2. **Independent Contractor**

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

3. **Orders and Acceptance**

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

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

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

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

4. **Limit of Liability**

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

5. **Clients Responsibility**

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

6. **Cancellation**

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

7. **Overriding Agreement**

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

8. **Force Majeure**

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

9. **Confidentiality**

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

10. **Hold Harmless**

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

11. **Hazardous Substances**

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

12. **Prices/Payments**

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

13. **Agreement Modification**

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

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

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

15. **Rush Analysis**

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

16. **Holding Times**

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

17. **Sample Retention**

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

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

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

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

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

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

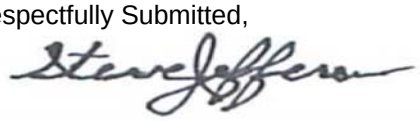
Attention: Ric Vardel
Report Date: 14-May-18 18:43
Subject: (MCC) Daily Effluent

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

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

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 5/14/2018
Laboratory Director

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

CHAIN OF CUSTODY RECORD

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

Environmental Sample

Sample I.D.#: 1850145

Customer: IPC, Inc.

Address: 9297 Research Drive
Irvine CA 92618

Project : (MCC) Daily EFF

Sampled by: Carlos Alvarez

Report Attention: Ric Vardel / Golan Kfir

P.O. #:

Phone #: 949-382-9067

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

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

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

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

Sample Received Checklist

Temperature upon receipt: _____

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

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

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

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

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. **Definitions**

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

2. **Independent Contractor**

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

3. **Orders and Acceptance**

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

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

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

4. **Limit of Liability**

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

5. **Clients Responsibility**

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

6. **Cancellation**

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

7. **Overriding Agreement**

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

8. **Force Majeure**

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

9. **Confidentiality**

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

10. **Hold Harmless**

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

11. **Hazardous Substances**

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

12. **Prices/Payments**

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

13. **Agreement Modification**

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

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

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

15. **Rush Analysis**

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

16. **Holding Times**

PCL cannot be responsible for holding times that are exceeded because of samples that are received in unacceptable or otherwise not adequately preserved condition and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. Lists of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 0-7 days, samples must arrive at the lab within 24 hours before exception to ensure that the holding time can be met. Short Holding Times of 48 hours or less that require results must be delivered (not sampled) in order to avoid short holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. **Sample Retention**

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

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

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

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

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

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

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

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

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

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 5/14/2018
Laboratory Director

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

CHAIN OF CUSTODY RECORD

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

Environmental Sample

Sample I.D.#: 18E0168

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

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

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

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? (Yes) No

Samples intact? (Yes) No

Samples properly preserved? (Yes) No

Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
(Grab)
Comp

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

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

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

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

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

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

2. Independent Contractor

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

3. Orders and Acceptance

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

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

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

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

4. Limit of Liability

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

5. Clients Responsibility

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

6. Cancellation

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

7. Overriding Agreement

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

8. Force Majeure

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

9. Confidentiality

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

10. Hold Harmless

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

11. Hazardous Substances

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

12. Prices/Payments

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

13. Agreement Modification

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

14. No Third Party Beneficiaries! No Right of Reliance

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

15. Rush Analysis

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

16. Holding Times

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

17. Sample Retention

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

18. Sample Pick Up/Field Tech Sampling

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

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

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

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

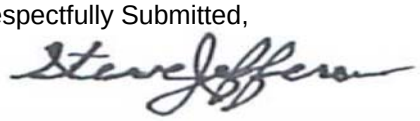
Attention: Ric Vardel
Report Date: 14-May-18 18:49
Subject: (MCC) Daily Effluent

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

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

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 5/14/2018
Laboratory Director

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

CHAIN OF CUSTODY RECORD

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

Environmental Sample

Sample I.D.#: EFF 18E020

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

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

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

Sample Received Checklist

Temperature upon receipt: 4

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

Compliance Monitor

Initial Flow _____

Final Flow _____

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

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

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

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

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

3. Orders and Acceptance

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

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

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

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

4. Limit of Liability

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

5. Clients Responsibility

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

6. Cancellation

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

7. Overriding Agreement

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

8. Force Majeure

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

9. Confidentiality

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

10. Hold Harmless

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

11. Hazardous Substances

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

12. Prices/Payments

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

13. Agreement Modification

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

14. No Third Party Beneficiaries; No Right of Reliance

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

15. Rush Analysis

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

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 2pm on weekdays without advance notification and acceptance. Standard holding times and storage conditions should be reviewed prior to the samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 24 days or less, samples must arrive within 36 hours to allow PCL to meet holding times without applying a rush surcharge. All routes have transit times of 1-2 days, samples must arrive at the lab, within 72 hours before expiration to insure that the holding time can be met. Short Holding Times of 48 hours or less the sample is found must be delivered that same day in order to guarantee holding times are met. After hours, late deliveries, freight company delays or similar factors are subject to additional rush fees and/or the inability to meet holding times. All holding times are to effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

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

18. Sample Pick Up/Field Tech Sampling

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

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

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

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

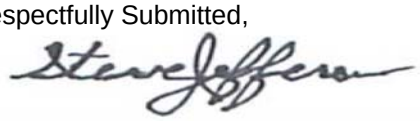
Attention: Ric Vardel
Report Date: 15-May-18 14:53
Subject: (MCC) Daily Effluent

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

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

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 5/15/2018
Laboratory Director

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

CHAIN OF CUSTODY RECORD

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

Environmental Sample

Sample I.D.#: 18E0235

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

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

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

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

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

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

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

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

2. Independent Contractor

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

3. Orders and Acceptance

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

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

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

4. Limit of Liability

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

5. Clients Responsibility

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

6. Cancellation

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

7. Overriding Agreement

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

8. Force Majeure

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

9. Confidentiality

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

10. Hold Harmless

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

11. Hazardous Substances

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

12. Prices/Payments

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

13. Agreement Modification

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

14. No Third Party Beneficiaries; No Right of Reliance

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

15. Rush Analysis

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

16. Holding Times

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

17. Sample Retention

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

18. Sample Pick Up/Field Tech Sampling

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

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

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

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

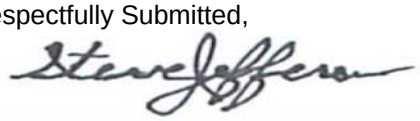
Attention: Ric Vardel
Report Date: 29-May-18 12:38
Subject: (MCC) Daily Effluent

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

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

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 5/29/2018
Laboratory Director

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

CHAIN OF CUSTODY RECORD

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

Environmental Sample

Sample I.D.#: 18E0263

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

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

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

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

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

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

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

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

2. Independent Contractor

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

3. Orders and Acceptance

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

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

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

4. Limit of Liability

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

5. Clients Responsibility

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

6. Cancellation

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

7. Overriding Agreement

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

8. Force Majeure

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

9. Confidentiality

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

10. Hold Harmless

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

11. Hazardous Substances

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

12. Prices/Payments

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

13. Agreement Modification

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

14. No Third Party Beneficiaries: No Right of Reliance

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

15. Rush Analysis

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

16. Holding Times

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

17. Sample Retention

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

18. Sample Pick Up/Field Tech Sampling

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

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

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

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

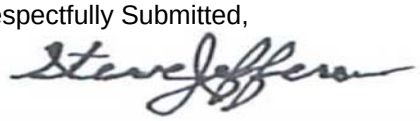
Attention: Ric Vardel
Report Date: 25-May-18 12:12
Subject: (MCC) Weekly EFF

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

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

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 5/25/2018
Laboratory Director

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

CHAIN OF CUSTODY RECORD

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

Environmental Sample

Sample I.D.#: 18E0249

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

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

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

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type: Grab, Comp

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

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

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

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

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

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

2. Independent Contractor

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

3. Orders and Acceptance

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

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

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

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

4. Limit of Liability

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

5. Clients Responsibility

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

6. Cancellation

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

7. Overriding Agreement

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

8. Force Majeure

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

9. Confidentiality

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

10. Hold Harmless

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

11. Hazardous Substances

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

12. Prices/Payments

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

13. Agreement Modification

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

14. No Third Party Beneficiaries: No Right of Reliance

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

15. Rush Analysis

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

16. Holding Times

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

17. Sample Retention

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

18. Sample Pick Up/Field Tech Sampling

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

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

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

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

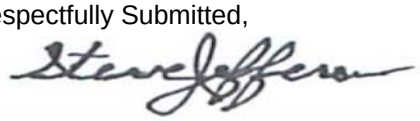
Attention: Ric Vardel
Report Date: 25-May-18 12:21
Subject: (MCC) Weekly INF

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

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

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 5/25/2018
Laboratory Director

CHAIN OF CUSTODY RECORD

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

Environmental Sample

Sample I.D.#: 18E0257

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

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

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

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

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

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

Sample Received Checklist

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

Compliance Monitor

Initial Flow _____
Final Flow _____

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

Rev 2 Effective 5/1

Pat-Chem Lab (PCL) Terms and Conditions

1. Definitions

2. Independent Contractor

3. Orders and Acceptance

4. Limit of Liability

5. Clients Responsibility

6. Cancellation

7. Overriding Agreement

8. Force Majeure

9. Confidentiality

10. Hold Harmless

11. Hazardous Substances

12. Prices/Payments

13. Agreement Modification

14. No Third Party Beneficiaries: No Right of Reliance

15. Rush Analysis

16. Holding Times

17. Sample Retention

18. Sample Pick Up/Field Tech Sampling

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

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

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

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

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

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

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 5/29/2018
Laboratory Director

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

CHAIN OF CUSTODY RECORD

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

Environmental Sample

Sample I.D.#: 18Eo282

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

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

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

Sample Received Checklist

Temperature upon receipt: 4

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

Compliance Monitor

Initial Flow _____

Final Flow _____

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

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

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

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

2. Independent Contractor

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

3. Orders and Acceptance

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

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

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

4. Limit of Liability

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

5. Clients Responsibility

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

6. Cancellation

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

7. Overriding Agreement

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

8. Force Majeure

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

9. Confidentiality

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

10. Hold Harmless

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

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

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

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

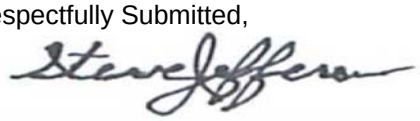
Attention: Ric Vardel
Report Date: 29-May-18 12:44
Subject: (MCC) Daily Effluent

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

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

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 5/29/2018
Laboratory Director

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

CHAIN OF CUSTODY RECORD

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

Environmental Sample

Sample I.D.#: EFF 18E0289

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

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

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

Sample Received Checklist

Temperature upon receipt: 4°C

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

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
(Grab)
Comp

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

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

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

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

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

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

2. Independent Contractor

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

3. Orders and Acceptance

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

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

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

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

4. Limit of Liability

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

5. Clients Responsibility

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

6. Cancellation

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

7. Overriding Agreement

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

8. Force Majeure

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

9. Confidentiality

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

10. Hold Harmless

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

11. Hazardous Substances

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

12. Prices/Payments

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

13. Agreement Modification

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

14. No Third Party Beneficiaries; No Right of Reliance

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

15. Rush Analysis

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

16. Holding Times

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

17. Sample Retention

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

18. Sample Pick Up/Field Tech Sampling

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

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

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

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

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

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

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

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 5/29/2018
Laboratory Director

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

CHAIN OF CUSTODY RECORD

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

Environmental Sample

Sample I.D.#: 18E0296

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

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

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

RV Sample Received Checklist

Temperature upon receipt: 4°C

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

Compliance Monitor

Initial Flow _____

Final Flow _____

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

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

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

Rev 2 Effective 5/1/17

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1. **Definitions**

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

2. **Independent Contractor**

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

3. **Orders and Acceptance**

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

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

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

4. **Limit of Liability**

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

5. **Clients Responsibility**

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

6. **Cancellation**

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

7. **Overriding Agreement**

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

8. **Force Majeure**

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

9. **Confidentiality**

Data and the service materials provided by PCL and its results and the results obtained by PCL shall be kept in confidence unless such information is generally available to the public or to the public domain, or client has given PCL for all services rendered or to be rendered in connection with the agreement. Subject to any disclosure required by law or legal process. PCL reserves the sole discretion of determining whether any information, data and documents are confidential and PCL has the right to disclose client's confidential information, data and documents provided hereunder to the professional staff and consultants of client and client agrees that PCL shall not be held liable for disclosure of such reports, data or information, if client has not given PCL advance written notice of client's intent to withhold such information or documents.

10. **Hold Harmless**

Client releases, defends, indemnifies, and holds PCL, its employees, officers, directors, agents, affiliates and parent harmless from and against any and all liabilities, losses or damages, claims, demands, costs or suits, and expenses including, but not limited to, amounts from the litigation or settlement, including attorney fees of CLIENT or any third party, as a result of, and/or in any way arising out of, or in connection with the performance of services by PCL pursuant to this agreement and any representation, condition or disclosure of client's hazardous substances, materials, products or wastes, or any other substances, materials or conditions which may be present on client's property or in the performance of services under this agreement, except to the extent that such liability, claim, or demand arises through the sole negligence or willful misconduct of PCL, its employees, officers, directors, agents, affiliates or subcontractors. Furthermore, the indemnification is applicable to liability claims, damages, losses, and expenses arising out of or resulting from the unauthorized use of or reliance upon the report by client or any other party. The indemnification includes any and all costs and expenses incurred by PCL in connection with any such liability, claim, or demand, including but not limited to, reasonable attorney's fees, consultant's fees, and court costs. In the event client fails to assume its duty to defend PCL, PCL shall have the right but not the obligation to undertake the defense of any claim, including the right to settle or compromise any claim on behalf of client. In the event PCL undertakes the defense of any claim, client shall be bound by any settlement or compromise made by PCL in the defense of any claim. In no event shall PCL be liable to client or any third party for special, punitive, indirect, or consequential damages, including, without limitation, lost profits or business interruption losses, regardless of whether such damages were foreseen or unforeseen, and whether such claims are based upon breach of contract, tort (including negligence and strict liability of any kind), statute, or otherwise. Client agrees that PCL's liability for any errors or omissions in connection with this agreement is limited to the compensation received by PCL for the services performed under this agreement, even if client's claim is based upon negligence or strict liability of PCL.

11. **Hazardous Substances**

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

12. **Prices/Payments**

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

13. **Agreement Modification**

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by those with the authority to contract. Except that consumers orders for said manufacturers may be verbal or in writing.

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

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is solely responsible for PCL's own property, and has no agent or person, or any other representative capacity to any other person or entity. It is agreed and acknowledged that there is no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that such information and reports are not to be relied upon by the client, or other, unless PCL has consented in writing to such reliance. Client shall not sell, distribute or disseminate any information, data, reports, or documents prepared by PCL, or any portion thereof, to any person or entity, or use the same in any manner, without the express written consent of PCL. Client shall indemnify, defend and hold harmless PCL from any and all claims, damages, losses, liabilities, costs and expenses, including attorney's fees, arising out of or in connection with any such sale, distribution or dissemination.

15. **Rush Analysis**

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

16. **Holding Times**

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

17. **Sample Retention**

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

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

All pick up/sampling times have been created on mutually scheduled, acceptable times. Failure to be available at pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

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

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

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

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

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

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 5/29/2018
Laboratory Director

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

CHAIN OF CUSTODY RECORD

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

Environmental Sample

Sample I.D.#: 18E0306

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

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

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

Sample Received Checklist

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

Compliance Monitor

Initial Flow _____
Final Flow _____

Sample Type
Grab
Comp

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

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

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

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

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

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

2. Independent Contractor

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

3. Orders and Acceptance

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

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

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

4. Limit of Liability

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

5. Clients Responsibility

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

6. Cancellation

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

7. Overriding Agreement

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

8. Force Majeure

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

9. Confidentiality

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

10. Hold Harmless

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

11. Hazardous Substances

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

12. Prices/Payments

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

13. Agreement Modification

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

14. No Third Party Beneficiaries; No Right of Reliance

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

15. Rush Analysis

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

16. Holding Times

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

17. Sample Retention

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

18. Sample Pick Up/Field Tech Sampling

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

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

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

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

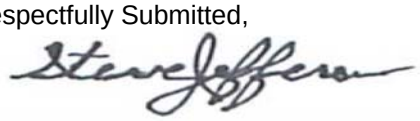
Attention: Ric Vardel
Report Date: 29-May-18 12:52
Subject: (MCC) Daily Effluent

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

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

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 5/29/2018
Laboratory Director

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

CHAIN OF CUSTODY RECORD

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

Environmental Sample

Sample I.D.#: 18E0332

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

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

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

Sample Received Checklist

Temperature upon receipt: 4°C

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

Compliance Monitor

Initial Flow _____

Final Flow _____

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

Preservations

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

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

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

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

2. Independent Contractor

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

3. Orders and Acceptance

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

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

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

4. Limit of Liability

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

5. Clients Responsibility

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

6. Cancellation

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

7. Overriding Agreement

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

8. Force Majeure

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

9. Confidentiality

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

10. Hold Harmless

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

11. Hazardous Substances

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

12. Prices/Payments

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

13. Agreement Modification

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

14. No Third Party Beneficiaries: No Right of Reliance

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

15. Rush Analysis

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

16. Holding Times

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

17. Sample Retention

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

18. Sample Pick Up/Field Tech Sampling

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

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

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

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

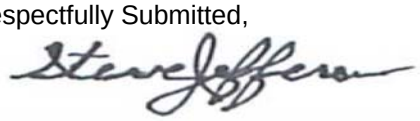
Attention: Ric Vardel
Report Date: 29-May-18 13:03
Subject: (MCC) Daily Effluent

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

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

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 5/29/2018
Laboratory Director

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

CHAIN OF CUSTODY RECORD

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

Environmental Sample

Sample I.D.#: 18E0389

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

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

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

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

Sample Received Checklist

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

Compliance Monitor

Initial Flow _____
Final Flow _____

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

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

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

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

2. Independent Contractor

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

3. Orders and Acceptance

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

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

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

4. Limit of Liability

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

5. Clients Responsibility

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

6. Cancellation

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

7. Overriding Agreement

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

8. Force Majeure

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

9. Confidentiality

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

10. Hold Harmless

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

11. Hazardous Substances

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

12. Prices/Payments

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

13. Agreement Modification

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

14. No Third Party Beneficiaries: No Right of Reliance

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

15. Rush Analysis

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

16. Holding Times

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

17. Sample Retention

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

18. Sample Pick Up/Field Tech Sampling

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

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

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

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

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

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

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

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 5/25/2018
Laboratory Director

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

CHAIN OF CUSTODY RECORD

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

Environmental Sample

Sample I.D.#: 18E0388

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

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

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

Sample Received Checklist

Temperature upon receipt: _____

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

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

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

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

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

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

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

2. Independent Contractor

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

3. Orders and Acceptance

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

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

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

4. Limit of Liability

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

5. Clients Responsibility

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

6. Cancellation

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

7. Overriding Agreement

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

8. Force Majeure

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

9. Confidentiality

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

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses, damages, claims, demands, causes of action, suits and charges and expenses including, but not limited to, attorneys' fees (the "Losses") incurred and awarded arising in favor of Client or any third party as a result of, and/or in any way accruing, incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. It is hereby mutually agreed that each party shall be responsible for any and all Losses arising out of or in connection with the negligence or misconduct of its employees, officers, indemnified Persons, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be applicable to any Losses which the client ought reasonably have given PCL and the other Indemnified Persons the benefit of insurance under applicable law. Client agrees that its indemnity obligations will be supported by available liability insurance coverage to be furnished by client, which insurance will be for the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for incidental, punitive, special, consequential or compensatory damages, including without limitation, loss of profits or business interruption, even if such expenses or other fees (including, without limitation, attorney's fees, court costs, and the costs of any judgment interest), or any other expenses or costs incurred by client or any other party in any litigation relating to or involving PCL or any Indemnified person in connection with this agreement, as certain provided under this agreement, even if client is the prevailing party.

11. Hazardous Substances

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

12. Prices/Payments

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

13. Agreement Modification

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

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, interpretation, or reports furnished by PCL. Client is acting as independent contractor for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. Client agrees and acknowledges that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, interpretation or reports. Client represents, warrants, and agrees that such data, interpretations and reports are not requested, or shall be used by the client in connection with or as part of the execution, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any issue, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or coordinating with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

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

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or other times or which are otherwise prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without requiring a rush surcharge. All times holding times 7-7 days, samples must arrive at the lab within 144 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria, 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, weight sensitive delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

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

18. Sample Pick Up/Field Tech Sampling

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

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

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

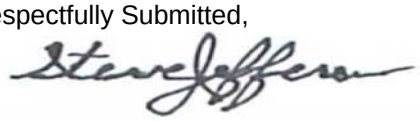
Attention: Ric Vardel
Report Date: 29-May-18 13:27
Subject: (MCC) Weekly INF

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

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
INF (Sample I.D.# : 18E0390-01) Collected: 16-May-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AE81708	2	22-May-18 (EA)	366 mg/l	
Total Suspended Solids	SM 2540D	AE81810	1	21-May-18 (EA)	271 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 5/29/2018
Laboratory Director

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

CHAIN OF CUSTODY RECORD

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

Environmental Sample

Sample I.D.#: 18E0390

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

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
INF	05/16/18	1200	1	TSS	Grab	AQ	1L P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	
1	1	1							
Geotracker EDD:									
Logcode: IPCI Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez IPC	05/16/18	
Received by		C. Tatum PCL	5/16/18	1230
Relinquished by				
Received by				
Relinquished by		C. Tatum PCL	5/17/18	1600
Received in lab by			5/17/18	16:11

Sample Received Checklist

Temperature upon receipt: 4 °C

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

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

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

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

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

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

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

2. Independent Contractor

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

3. Orders and Acceptance

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

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

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

4. Limit of Liability

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

5. Clients Responsibility

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

6. Cancellation

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

7. Overriding Agreement

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

8. Force Majeure

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

9. Confidentiality

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

10. Hold Harmless

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

11. Hazardous Substances

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

12. Prices/Payments

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

13. Agreement Modification

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

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for its own account and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not transmitted, or shall be used to solicit sales to investors, and/or as part of the purchase, sale, underwriting, or dissemination of any securities, bill, permits, or other reporting to the holders of any security, the securing, investment, renewal, or extension of any loan from any financial institution or other lender or the certification to or consulting with brokers, underwriters, governmental agencies or departments.

15. Rush Analysis

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

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are received on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours (unless PCL is made holding times without penalty of such exchange). All short holding times, 1-7 days, samples must arrive at the lab within 24 hours. Some exceptions to ensure that the holding times can be met. Short Holding Times of 48 hours or less (Pursuing 24 hours) must be delivered most same day in order to guarantee holding times are met. After hours, late delivery, or weekend delays or similar issues are subject to additional rush fees and/or site visit(s), to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

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

18. Sample Pick Up/Field Tech Sampling

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

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

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

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

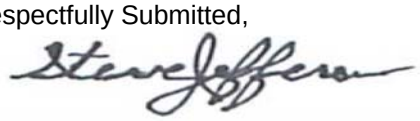
Attention: Ric Vardel
Report Date: 29-May-18 13:08
Subject: (MCC) Daily Effluent

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

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18E0423-01) Collected: 17-May-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AE81808	2	23-May-18 (EA)	8 mg/l	
pH	SM4500-H-B	AE82236	0.1	17-May-18 (SS)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AE81815	0.05	18-May-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AE81715	1.8	21-May-18 (PL)	2.0 MPN/100 ml	
Total Coliforms	SM 9221B	AE81715	1.8	21-May-18 (PL)	11.0 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 5/29/2018
Laboratory Director

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

CHAIN OF CUSTODY RECORD

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

Environmental Sample

Sample I.D.#: 18E0473

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

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field (Lab)
EFF	5/17/18	12:30	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.5
			1	BOD	Grab	AQ	1L P	4°C	
			2	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	Golan Kfir IPC	5/17/18	12:40
Received by	C-Tatum pcl	5/17/18	1240
Relinquished by			
Received by			
Relinquished by	C-Tatum	5/17/18	1435
Received in lab by		5/17/18	1430

Sample Received Checklist

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

Compliance Monitor

Initial Flow _____

Final Flow _____

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

Preservations

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

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

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

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

2. Independent Contractor

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

3. Orders and Acceptance

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

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

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

4. Limit of Liability

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

5. Clients Responsibility

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

6. Cancellation

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

7. Overriding Agreement

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

8. Force Majeure

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

9. Confidentiality

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

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees, (the judgment rendered and awards going in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL hereunder by any agent or representative, handling, [illegible] of Client's hazardous materials, [illegible] waste, [illegible] of services 2. loss of, damage to, injury to, or death of any person or property and/or 3. financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages, or liabilities caused by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to future claims, damages, actions of every kind and character arising out of or in connection with the negligent or wrongful conduct by any Indemnified Person, whether actual or alleged, in the performance of this agreement or any renewal. The foregoing indemnities will be in addition to any rights which the Client might otherwise have in PCL and the other Indemnified Persons. To the fullest extent permitted under applicable law, Client agrees that its indemnity obligations will be supported by available liability insurance arranged to be furnished by Client, which insurance shall be, to the maximum amounts permitted under applicable law, in no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption. Litigation Expenses as follow: Each party to pay its own litigation attorney's fees, court costs, and pre and post judgment interest, or any other expenses to cover incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

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

12. Prices/Payments

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

13. Agreement Modification

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

14. No Third Party Beneficiaries; No Right of Reliance

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

15. Rush Analysis

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

16. Holding Times

PCL cannot be responsible for holding times if we are provided the date of samples that are delivered on weekends or after 4pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. For analytes with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. For most holding times of 7 days, samples must arrive at the laboratory 24 hours before expiration to ensure that the holding time can be met. Short Holding Times of 48 hours or less (Chlorine, pH, Nitrite) must be delivered that same day in order to guarantee holding times are met. After hours, late deliveries, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

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

18. Sample Pick Up/Field Tech Sampling

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

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

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

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 29-May-18 13:11
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18E0454-01) Collected: 18-May-18 By RV						
Biochemical Oxygen Demand	SM 5210B	AE82028	2	25-May-18 (EA)	24 mg/l	
pH	SM4500-H-B	AE82236	0.1	18-May-18 (SS)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AE81927	0.05	19-May-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AE81814	1.8	21-May-18 (PL)	4.0 MPN/100 ml	
Total Coliforms	SM 9221B	AE81814	1.8	21-May-18 (PL)	14.0 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 5/29/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: ~~EFF~~ 1BEM54

Customer: IPC, Inc.		Project : (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Ric VARDEL	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	5/18	1145	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
11	11	11	1	BOD	Grab	AQ	1L P	4°C	
11	11	11	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by		Ric VARDEL (IPC)	5/18	1145
Received by	EB	Green	5.18.18	1245
Relinquished by	EB	Green	5.18.18	
Received by				
Relinquished by				
Received in lab by		KL	5.18.18	1600

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC?	Yes	No
Samples intact?	Yes	No
Samples properly preserved?	Yes	No
Samples in holding time?	Yes	No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	HC - HCl
Comp	HS - H_2SO_4
Matrix	HN - HNO_3
AQ - Water	HP - H_3PO_4
SO -Soil / Sludge	OH - NaOH
OT - Other	ST - Sodium Thiosulfate
Bottle Type	AA - Ascorbic Acid
P - Plastic	Al - $AlCl_3$
G - Amber Glass	Cu -$CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to be or form a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of client's initial order and all subsequent orders for additional services, whether placed in writing or verbally except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by Client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or in the public domain or client was tried to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided therein are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. Injury, disease or death of persons 2. Loss of, damage to, theft of, or loss of use of property and or 3. Financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including without limitation, loss of profit or business interruption) Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement, even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material), wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all biological analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations at the date the services were rendered or such prices no longer and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection process by or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is retaining services hereinafter for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times may be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 7-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria 30 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 29-May-18 13:14
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18E0471-01) Collected: 19-May-18 By RV						
Biochemical Oxygen Demand	SM 5210B	AE82028	2	25-May-18 (EA)	29 mg/l	
pH	SM4500-H-B	AE82236	0.1	19-May-18 (SS)	7.3 pH Units	
Residual Chlorine	SM 4500 Cl-G	AE82130	0.05	19-May-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AE81926	1.8	21-May-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AE81926	1.8	21-May-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 5/29/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18E0471

Customer: IPC, Inc.		Project : (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Ric VARDEZ	
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	P.O. #:
			Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	5/19	1000	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
〃	〃	〃	1	BOD	Grab	AQ	1L P	4°C	
〃	〃	〃	2	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by	(FRIDGE)	RicVARDEZ (IPC)	5/19	1015
Received by		Alex Walker Jr	5/19	1055
Relinquished by				
Received by				
Relinquished by				
Received in lab by		Alex Walker Jr	5/19/18	1313

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC?	Yes	No
Samples intact?	Yes	No
Samples properly preserved?	Yes	No
Samples in holding time?	Yes	No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Pat-Chem Laboratories (PCL) Terms and Conditions

1. **Definitions**

"Terms and Conditions" means these Terms and Conditions of Sale, including the price schedule, and any amendments or other terms to which we agree in writing. "Client" means the individual or entity to whom we provide laboratory services, including an existing customer and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. **Independent Contractor**

PCL acts solely as an independent contractor in performing all services.

3. **Orders and Acceptance**

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms constitute a legal agreement in writing which governs and regulates the Terms. No modification to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The Client may order services by submitting a written request of Client's (QQC) to PCL. Any such order constitutes Client's acceptance by the client of PCL's offer to do business with the client under the terms and conditions stated herein. All agreements to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's explicit consent to be governed by these terms and conditions. No additional terms and conditions contained in a client's documentation will be deemed to become a part of this contract unless specifically agreed to in writing by PCL.

For purposes of this Agreement, "services" shall mean all work to be performed for the client, including any provision of all equipment and materials to be furnished by PCL.

4. **Limit of Liability**

PCL will perform the services according with the normal standards of performance in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), U.S. Watertown (USGS), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgment of PCL. Deviations, if any, will be made in a manner consistent with the recognized standard of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL to officers, agents, employees or customers to the client arising out of or in connection with the services to be provided hereon, shall not exceed the invoiced amounts for said services. Client's execution of a service order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. **Clients Responsibility**

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. **Cancellation**

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. **Overriding Agreement**

The parties agree that the Terms shall govern performance of client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. **Force Majeure**

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. **Confidentiality**

Data and the results obtained by PCL shall be confidential between PCL and client. Client consents and the results obtained by PCL shall be kept confidential between PCL and client. Client consents to the disclosure of the data and results obtained by PCL to any governmental agency or to any person ordered by a court of competent jurisdiction to receive such information. Client consents to the disclosure required by law or legal process but shall limit the scope thereof to data or work performed by PCL hereunder. Client agrees that PCL shall not be responsible for unauthorized disclosure of such data, whether such disclosure is due to PCL's negligence or otherwise, unless such disclosure is due to PCL's willful misconduct. Client shall not disclose any information or data relating to PCL's methodologies, procedures or other confidential information of PCL to any third party without the prior written consent of PCL.

10. **Hold Harmless**

Client agrees to, and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent companies (collectively, "Indemnified Parties") harmless from and against any and all claims, demands, causes of action, damages, losses, costs and expenses, including, but not limited to, attorneys' fees, litigation expenses and court costs, that may be asserted against or suffered by any Indemnified Party as a result of, or in any way relating to, services arising out of, or in connection with the services and/or transportation of samples or data or client's breach of these terms and conditions or any other agreement between client and PCL, including, but not limited to, any claims, demands or causes of action asserted by any third party as a result of any alleged negligent act or omission of client or any Indemnified Party, whether or not client is joined as a party to such claim, demand or cause of action. Client's obligations under this section shall apply to the fullest extent permitted by law, including, but not limited to, indemnification of the Indemnified Parties for their own negligence, whether such negligence is the sole cause of any loss, damage or injury, or a contributing cause of any loss, damage or injury, but shall not apply to the extent that any loss, damage or injury is caused by the gross negligence or willful misconduct of PCL or any of its employees. Further, client's indemnification obligations under this section shall not be limited by any limitation on the amount or type of damages, compensation or benefits payable by or for client or any of its subcontractors under workers' compensation acts, disability benefit acts or other employee benefit acts, and client's indemnification obligations under this section shall extend to claims occurring after this agreement is terminated as well as while it is in force. In the event any Indemnified Person is made a party to any judicial, administrative, arbitration or other proceeding which may be brought, or threatened to be brought, against client in connection with the services, client shall pay on demand all costs, damages, attorneys' fees and other expenses that may be incurred by such Indemnified Person in connection with or upon such proceeding, whether or not such Indemnified Person is named as a party to such proceeding. All such costs, damages, attorneys' fees and other expenses shall be paid as they are incurred and within thirty (30) days after such Indemnified Person delivers to client a written detailed and itemized statement of such costs, damages, attorneys' fees and other expenses. Client's duty to indemnify Indemnified Persons under this section shall survive the expiration or termination of this agreement for a period equal to the applicable statute of limitations for actions based on any facts or conditions that occurred during the term of this agreement, even if claims are asserted after the statute of limitations has run.

11. **Hazardous Substances**

For PCL to perform the services requested by client, client will provide and PCL will receive complete information for proposed work or activities, personal exposure, chemicals, bacteria or any other substance or circumstance known to client and which may be hazardous, toxic or dangerous to the health or safety of PCL employees, agents or subcontractors in the performance of PCL's services hereunder. Client acknowledges that PCL is relying on such information provided by client and that PCL cannot perform the services properly or safely unless client provides such information. Client agrees to indemnify and hold harmless PCL and its employees, officers, directors, agents, affiliates, subsidiaries and parent companies (collectively, "Indemnified Persons") from and against any and all claims, demands, causes of action, damages, losses, costs and expenses, including, but not limited to, attorneys' fees, litigation expenses and court costs, that may be asserted against or suffered by any Indemnified Person in connection with or arising out of client's failure to provide complete, accurate and adequate information regarding potential hazards associated with samples or work activities. Client agrees to hold harmless and indemnify the Indemnified Persons in the manner described in the preceding paragraph for any claims, demands, causes of action, damages, losses, costs and expenses that may be asserted against or suffered by any Indemnified Person in connection with or arising out of PCL's performance of services in accordance with the recognized standard of care for environmental services in the same locality, at the time and place the services were performed, which are hazardous, toxic or dangerous to the health or safety of PCL employees, agents or subcontractors. Client agrees to indemnify and hold harmless PCL and its employees, officers, directors, agents, affiliates, subsidiaries and parent companies (collectively, "Indemnified Persons") from and against any and all claims, demands, causes of action, damages, losses, costs and expenses, including, but not limited to, attorneys' fees, litigation expenses and court costs, that may be asserted against or suffered by any Indemnified Person in connection with or arising out of PCL's performance of services in accordance with the recognized standard of care for environmental services in the same locality, at the time and place the services were performed, which are hazardous, toxic or dangerous to the health or safety of PCL employees, agents or subcontractors. Client agrees to indemnify and hold harmless PCL and its employees, officers, directors, agents, affiliates, subsidiaries and parent companies (collectively, "Indemnified Persons") from and against any and all claims, demands, causes of action, damages, losses, costs and expenses, including, but not limited to, attorneys' fees, litigation expenses and court costs, that may be asserted against or suffered by any Indemnified Person in connection with or arising out of PCL's performance of services in accordance with the recognized standard of care for environmental services in the same locality, at the time and place the services were performed, which are hazardous, toxic or dangerous to the health or safety of PCL employees, agents or subcontractors.

12. **Prices/Payments**

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of execution of the order for the services and conditions of work as mutually accepted and confirmed in writing. PCL price schedule is subject to change at any time without notice. Payment in advance or upon receipt of invoice is required for all new clients or on a basis of as agreed and for which account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET cash within thirty (30) days from date of invoice. To the fullest extent permitted by law, any amounts unpaid at the end of thirty (30) days shall bear interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balance. If invoiced amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees as agreed. Any dispute with such collection procedure or other...

13. **Agreement Modification**

Changes, additions or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client. Unless otherwise agreed to in writing, subsequent orders for additional services may be verbal or in writing.

14. **No Third Party Beneficiaries: No Right of Reliance**

PCL does not accept responsibility or liability for client's use of services or data, information, or reports furnished by PCL. Client's consulting services may not be for public purposes, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely upon data, information or reports. Except as otherwise warrants, and agrees that no data, information and reports are for exclusive use of client as stated herein, is confidential, or shall be used or relied upon, in connection with or in support of the solicitation, sale, underwriting, or determination of any insurance policy or other agreement between any party and any insurance company, reinsurance, or underwriter or any other person or entity without the express written consent of PCL in each instance. Client agrees to indemnify and hold harmless PCL from any and all claims, demands, causes of action, damages, losses, costs and expenses, including, but not limited to, attorneys' fees, litigation expenses and court costs, that may be asserted against or suffered by any Indemnified Person in connection with or arising out of any breach of this paragraph by client or any of its employees, agents or subcontractors.

15. **Rush Analysis**

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turn around time cannot be met, the normal price will apply.

16. **Holding Times**

PCL cannot be responsible for holding times of water samples or any of samples that are delivered on weekends or after 3pm on weekdays without prior notification and approval. Standard holding times and analysis conditions shall be in effect, unless the samples being received by PCL is out of holding times OR in violation of the client's requests. All analyses with holding times of 24 hours or less, samples must arrive within 36 hours to allow PCL services holding time without assessing a rush surcharge. All short holding times, 24 hours, samples must arrive at the lab, within 24 hours of sample collection, in order that the holding times can be met. Short holding times of 48 hours or less received on a Friday must be delivered on a Saturday in order to meet holding times and met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this schedule and are subject to change without notice.

17. **Sample Retention**

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods may be requested. Any arranged long term storage is subject to an additional charge. Samples will be disposed of at the end of the pre-arranged storage time.

18. **Sample Pick Up/Field Tech Sampling**

All pick up/sampling fees have been included on the fee schedule. Reasonable time has been allocated for each pick up or service. Un-necessary delays during the pick up or sampling might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 29-May-18 13:16
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18E0474-01) Collected: 20-May-18 By RV						
Biochemical Oxygen Demand	SM 5210B	AE82229	2	27-May-18 (EG)	<2 mg/l	
pH	SM4500-H-B	AE82236	0.1	20-May-18 (SS)	7.6 pH Units	
Residual Chlorine	SM 4500 Cl-G	AE82130	0.05	21-May-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AE82027	1.8	22-May-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AE82027	1.8	22-May-18 (PL)	7.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 6/4/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18 E0474

Customer: IPC, Inc.		Project : (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Ric Vardel	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	5/20	1115	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
"	"	"	1	BOD	Grab	AQ	1L P	4°C	
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by	(FRIDGE)	Ric Vardel (IPC)	5/20	1115
Received by		Jordan Corkery (PatChem)	5/20	13:05
Relinquished by				
Received by				
Relinquished by				
Received in lab by				

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	HC - HCl
Comp	HS - H_2SO_4
Matrix	HN - HNO_3
AQ - Water	HP - H_3PO_4
SO - Soil / Sludge	OH - NaOH
OT - Other	ST - Sodium Thiosulfate
Bottle Type	AA - Ascorbic Acid
P - Plastic	Al - $AlCl_3$
G - Amber Glass	Cu - $CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these terms and conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract, regardless of PCL's acceptance of the terms and conditions.

For purposes of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of practice used in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), 40 waterlaw and (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client will be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by the client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public, or in the public domain, or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses to protect its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees (the "Litigation Expenses") and awards arising in favor of Client or any third party as a result of, and/or in any way connected, incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation (including or disposal of client's hazardous materials), 1. injury, disease or death of persons and/or 2. loss of, damage to, loss of, or use of/lack of property and/or 3. financial loss of every kind of character. This indemnification applies to any of the foregoing losses, costs, damages or liabilities caused in any way by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnification specifically applies to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence (or breach of warranty) by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the indemnified Persons have to PCL and the other Indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnification will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) whatsoever expenses or costs fees (including, without limitation, attorney's fees, court costs, and the value, post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client or the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other biological or toxic material, wastes and substances which are defined, determined or designated as such under federal, state or local laws, rules, PCL's policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of acceptance of the date the services were rendered unless prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit approval has been established with PCL. For those clients with an established credit account, the terms for payment are charged are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by at all by applicable law, any amounts unpaid at the end of thirty (30) days are subject to interest at the lesser of the maximum rate then allowed by law or one and one-half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection proceedings or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client's authorized representative, except that unpaid/given orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is relying services hereunder for his own account, and not as agent or broker, or any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall not be used to rely upon, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, consideration, renewal, or extension of any loan from any financial institution or other lender or the certification to or contractors, with directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any subsequent revision, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded for those of samples that are delivered on weekends or after 3pm on short days without prior notification and acceptance. Standard holding times for storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided by the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 24 hours of sampling. PCL strives to ship holding times without applying a rush surcharge. All short holding times, 7-7 days, samples must arrive at the lab within 24 hours. Please expedite to ensure that the holding times can be met. Short Holding Times of 48 hours or less (for example, 24 hours must be delivered that same day in order to guarantee holding times are met. After hours, late deliveries, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessarily delays during the pick up or sampling might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

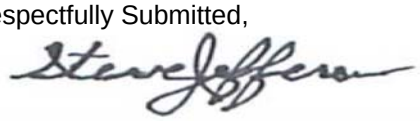
Attention: Ric Vardel
Report Date: 29-May-18 13:19
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18E0481-01) Collected: 21-May-18 By RV						
Biochemical Oxygen Demand	SM 5210B	AE82229	2	27-May-18 (EG)	<2 mg/l	
pH	SM4500-H-B	AE82236	0.1	21-May-18 (SS)	6.8 pH Units	
Residual Chlorine	SM 4500 Cl-G	AE82228	0.05	22-May-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AE82131	1.8	23-May-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AE82131	1.8	23-May-18 (JC)	49.0 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 5/29/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18E0481

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Ric VARDA	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	5/21	1100	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
11	11	11	1	BOD	Grab	AQ	1L P	4°C	
11	11	11	2	Total & Fecal Coliform	Grab	AQ	Coli	ST	

~~Geotracker EDD:~~
Logcode: IPCI
~~Global ID: WDR100000359~~

	Signature	Print Name (Company)	Date	Time
Relinquished by	(FRIDGE)	Ric VARDEL (IPC)	5/21	1110
Received by		Cuenco	5/21/18	1200
Relinquished by		Cuenco	5.21.18	
Received by				
Relinquished by				
Received in lab by			5-21-18	

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of Sale, including the price schedule and any additional or amended terms to which we are agree to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed on a client's document shall be deemed to be/ form a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provision to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Except for the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is in the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for inadvertent/ disclosure of said data, where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. Injury, disease or death of persons 2. Loss of, damage to, loss of, or loss of use of property and/or 3. Financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other Indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or as penalties provided under this agreement apply if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials") Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations at the time the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients who have established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by at any applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the Client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the Terms shall be effective only in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or should be used/relied upon in connection with or as part of the purchase, sale, underwriting, or distribution of any securities. Any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to all samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (but not 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

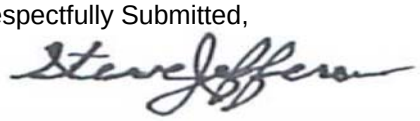
Attention: Ric Vardel
Report Date: 06-Jun-18 16:31
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18E0526-01) Collected: 22-May-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AE82327	2	28-May-18 (EG)	<2 mg/l	
pH	SM4500-H-B	AE83043	0.1	22-May-18 (SS)	7.3 pH Units	
Residual Chlorine	SM 4500 Cl-G	AE82228	0.05	22-May-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AE82226	1.8	25-May-18 (JC)	2.0 MPN/100 ml	
Total Coliforms	SM 9221B	AE82226	1.8	25-May-18 (JC)	7.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 6/6/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18E0526

Customer: IPC, Inc.		**Project:** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** Golan Kfir	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	5/22/18	12:20	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.3
	"	"	1	BOD	Grab	AQ	1L P	4°C	
	"	"	2	Total & Fecal Coliform	Grab	AQ	Coli	ST	

~~Geotracker EDD:~~
Logcode: IPCI
Global ID: WDR100000359

Signature	Print Name (Company)	Date	Time
Relinquished by: Gk	Golan IPC	5/22/18	12:30
Received by: C.Tafoya PCL	C.Tafoya PCL	5/22/18	12:35
Relinquished by:			
Received by:			
Relinquished by: C.Tafoya PCL	C.Tafoya PCL	5/23/18	1500
Received in lab by:		5/23/18	1600

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" shall mean these terms and conditions of sale, including the price schedule, and any additions or amendments to the which are agreed to in writing. "Client" means the individual or entity who may request laboratory analysis including or sampling services and hires. Its client, assistant, subject and representatives. "Price Schedule" means the Client Laboratories (PCL) standard price sheet as such document may be amended or removed from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing its services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions appearing in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or conditions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence unless such information is generally available to the public at the public domain, or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement, subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unintelligent disclosure of said data. Absent client's written consent, PCL reports and information is prohibited shared and for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its subsidiaries, officers, partners, agents, affiliates and parent harmless from and against any and all claims, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees (the Litigation Expenses) and awards arising in favor of client or any third parties as a result of and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. Injury, illness or death of person 2. Loss of, damage to, loss of, or theft of use of property and/or 3. Penalties, fees of every kind or character. This indemnity and hold harmless any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence or breach of contract by said Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other Indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption (Litigation Expenses or other fees including, without limitation, attorney's fees, court costs, and pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or any services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current Sample disposal policy. In addition, all samples received by PCL for any/all biological analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or client approval is required for all new clients and until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agency fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-3 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 06-Jun-18 16:28
Subject: (MCC) Monthly EFF

Project/P.O.#: (MCC) Monthly EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18E0524-01) Collected: 22-May-18 By IPC						
Boron	EPA 200.7	AE82324	0.10	23-May-18 (AF)	0.53 mg/l	
MBAS	SM 5540C	AE82323	0.20	23-May-18 (PL)	<0.20 mg/l	
Oil & Grease (HEM)	EPA 1664A	AE82338	5	24-May-18 (VD)	<5 mg/l	
Phosphorus, Total as P	EPA 365.1	AE82935	0.03	29-May-18 (LA)	0.04 mg/l	
Total Dissolved Solids	SM 2540C	AE82409	5	29-May-18 (EA)	756 mg/l	
Chloride	EPA 300.0	AE82509	0.5	29-May-18 (PL)	209 mg/l	
Sulfate as SO4	EPA 300.0	AE82509	0.5	29-May-18 (PL)	126 mg/l	

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 6/6/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18E0524

Customer: IPC, Inc.		Project : (MCC) Monthly EFF	
Address: 9297 Research Drive		Sampled by: Golan Kfir	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	5/22/18	12:20	1	SO4, Cl, TDS	Grab	AQ	1/2 Gal. P	4°C	
	"	"	1	MBAS	Grab	AQ	500 P	4°C	
	"	"	1	Oil & Grease	Grab	AQ	1L G	HC	
	"	"	1	Boron	Grab	AQ	250 P	HN	
	"	"	1	T.Phos	Grab	AQ	250 P	4°C	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by: Gk	Golan IPC	5/22/18	12:30
Received by: C. Tatum	C. Tatum pcl	5/22/18	12:35
Relinquished by:			
Received by:			
Relinquished by: C. Tatum	C. Tatum pcl	5/22/18	1510
Received in lab by:		5/22/18	1520

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" shall mean these terms and conditions of sale, including the price schedule and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who or which requests laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule, or such document that is amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services as defined herein only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications of the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the Client's consent hereto to be governed by these terms and conditions. Additional or additional terms and conditions contained in a client's document shall be deemed to become a part of this contract unless upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession, where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (CLAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature of compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided hereto, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the service notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the location which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Each and the sample materials is settled by client or at client's request, and the results obtained by PCL shall be held as confidential unless such information generally available to the public or to the public domain or client is so filed to pay. PCL for all services rendered or is otherwise in breach of the agreement) unless the are disclosure required by law or legal process. PCL shall use the same standard of care it uses to protect its own confidential data and shall not be responsible for unauthorized disclosure of said data while such data is in transit over networks. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees that shall be no third party beneficiaries of such reports, data or information. Client agrees to keep third party any information concerning methods, processes, software programs or other formulations.

10. Hold Harmless

Client releases and shall hold, indemnify, defend and save PCL, its employees, officers, directors, agents, affiliates, subsidiaries and successors harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, fines and costs, including, but not limited to, attorneys fees, litigation expenses and awards acting in favor of Client or resulting directly as a result of, unable in any way or using incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or negligent acts, omissions, bodily injury or death of persons 2. loss of, damage to, or use of loss of use of property; and/or 3. injuries to the environment of any kind or nature. The foregoing shall apply to any of the foregoing losses, costs, damages, and/or liabilities caused by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions or expenses arising out of or in connection with the negligence of or as may be caused by any indemnified Person, whether actively alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any rights to which the indemnified parties may have at PCL and the other indemnified Persons. To the extent necessary, prior qualification, client agrees client's insurance policy shall not be subject to the warranty holding insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profits, business interruption, any claim Expenses or other loss including, without limitation, attorney's fees, court costs, and the cost of any judgment thereof, or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or any services provided under this agreement, even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide, and PCL will receive complete materials for analytes such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic materials, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any official administrative interpretation of any thereof) the "Hazardous Materials". Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or via PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any lab bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of commencement of the date the services were rendered or with prior written and client's continued invoicing. The price schedule is subject to change at any time without notice. Payment of advance or down payment is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by law or by applicable law, any amounts unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law to one and one half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees as agreed, that associated with such collection procedures or dispute.

13. Agreement Modification

Changes, modifications or amendments to the Terms shall be effective only in writing and executed by an officer of PCL and by a duly authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client is retaining services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to induce same, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of the securities, any bank loan, any financial institution or other lender or for certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush services are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded on case of samples that are delivered on weekends or after 7pm for weekdays without prior notification and an approval. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 24 hours or less, samples must arrive within 36 hours to allow PCL to meet holding times without applying any rush surcharge. All tests holding times 2-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding time can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, flight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 29-May-18 13:30
Subject: (MCC) Weekly EFF

Project/P.O.#: (MCC) Weekly EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18E0523-01) Collected: 22-May-18 By IPC						
Ammonia as N	EPA 350.1	AE82411	0.10	24-May-18 (SGS)	0.17 mg/l	
Nitrate as N	EPA 353.2	AE82332	0.10	23-May-18 (LA)	2.44 mg/l	
Nitrite as N	EPA 353.2	AE82332	0.02	23-May-18 (LA)	<0.02 mg/l	
Total Kjeldahl Nitrogen	EPA 351.2	AE82405	0.10	25-May-18 (LA)	0.88 mg/l	
Total Suspended Solids	SM 2540D	AE82328	1	23-May-18 (EA)	<1 mg/l	

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 5/29/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18E0523

Customer: IPC, Inc.		Project: (MCC) Weekly EFF	
Address: 9297 Research Drive		Sampled by: Golan Kfir	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	5/22/18	12:20	1	TSS	Grab	AQ	1L P	4°C	
			1	NH4, TKN	Grab	AQ	500 P	HS	
			1	NO2, NO3	Grab	AQ	500 P	4°C	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by: GK	Golan IPC	5/22/18	12:30
Received by: C. Tatum pCL	C. Tatum pCL	5/22/18	12 55
Relinquished by:			
Received by:			
Relinquished by: C. Tatum pCL	C. Tatum pCL	5/22/18	1500
Received in lab by:		5/22/18	15

Sample Received Checklist

Temperature upon receipt: 4°C
# of bottles agrees with COC? (Yes) No
Samples intact? (Yes) No
Samples properly preserved? (Yes) No
Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____
Final Flow _____

Sample Type
(Grab)
Comp

Matrix
(AQ - Water)
SO - Soil / Sludge
OT - Other

Bottle Type
(P - Plastic)
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of Sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who or which requests laboratory services, including all samples, services and fees, its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following Orders & Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modification to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or retention of consulting services constitutes the Client's express assent to be governed by these terms and conditions. No terms and or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are substantially compliant with the U.S. Environmental Protection Agency (EPA), 24 Watershed (ESAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) & the Examination of Water and Wastewater, and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or deliverable based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL's Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order will (or proposal releases PCL from any liability in excess of the invoiced amount for the services (notwithstanding any provisions to the contrary in any client purchase orders or contracts).

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is publicly available to the public or is the public domain or Client has told to pay PCL for all services rendered or if otherwise in provision of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for inadvertent disclosure of said data where such standard was observed. PCL reports and information provided thereunder is the exclusive property of client and client agrees that there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning technology, software, programs or other modifications.

10. Hold Harmless

Client agrees and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to, all court fees, the Litigation's approved and awards acting in favor of Client or any third party as a result of, and/or in any way according, pertaining to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement, provided that contractual handling or disposal of client's hazardous materials, E. coli, invasive or death of personnel, loss of, damage to, use of, or loss of use of property and/or a transaction loss of every kind of character. The indemnity shall not apply to any of the foregoing losses, costs, damages or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence (not breach of contract) by any unidentified person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any rights to which the client might otherwise have in PCL and the other indemnified persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable for client for indirect, punitive, special, consequential or incidental damages (including without limitation, loss of profits or business interruption) Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and/or any re-sort judgment interest), or any other expenses for costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or as provided for under this agreement even if client or the possibility was

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, waste and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of the terms of the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain hazardous materials. PCL reserves the right to charge the client for the disposal of unused samples at accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for viral/all bacterial analysis. Client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or where a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoice, to the fullest extent permitted by law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month by the unpaid balances. If any/all amounts are collected through legal proceedings or by an attorney, the client must pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only if in writing and executed by an officer of PCL and by client's authorized representative. Except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use or reliance on data, information, or reports furnished by PCL. Client is acting on own behalf and not for the benefit, account and risk as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client expressly warrants and agrees that such data, information and reports are not represented or shall be used by client, or connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, any public or contractor, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All client holding times are 7 days. Samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (Bacteriology 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling visits will be accessed an additional fee.

PAT-CHEM
LABORATORIES
QUALITY ANALYTICAL SERVICES SINCE 1987
1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

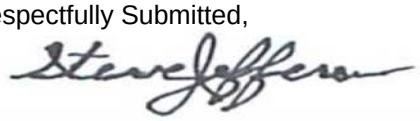
Attention: Ric Vardel
Report Date: 06-Jun-18 16:26
Subject: (MCC) Weekly INF

Project/P.O.#: (MCC) Weekly INF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
INF (Sample I.D.# : 18E0525-01) Collected: 22-May-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AE82408	2	29-May-18 (EA)	459 mg/l	
Total Suspended Solids	SM 2540D	AE82513	1	25-May-18 (SGS)	247 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 6/6/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18E0525

Customer: IPC, Inc.		Project: (MCC) Weekly INF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
INF	05/22/18	1210	1	TSS	Grab	AQ	1L P	4°C	
1	1	1	1	BOD	Grab	AQ	1L P	4°C	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez IPC	05/22/18	
Received by		C-Tatum PCL	5/22/18	1235
Relinquished by				
Received by				
Relinquished by				
Received in lab by			5/22/18	1235

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type: **Grab** / **Comp**

Matrix: **AQ** - Water; **SO** - Soil / Sludge; **OT** - Other

Bottle Type: **P** - Plastic; **G** - Amber Glass; **VOA** - 40 ml Vial; **Coli** - bacteria

Preservations: **HC** - HCl; **HS** - H_2SO_4; **HN** - HNO_3; **HP** - H_3PO_4; **OH** - NaOH; **ST** - Sodium Thiosulfate; **AA** - Ascorbic Acid; **Al** - $AlCl_3$; **Cu** - $CuSO_4$

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No conditions or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession where applicable. PCL and its employees/technologists which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (CLWP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and all of pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample material provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or in the public domain or client has given PCL his all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning technical information, methods, program or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to court fees, litigation expenses and awards arising in favor of client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, illness or death of persons 2. injury to, damage to, loss of, or loss of use of property and/or 3. financial loss of every kind or character. This indemnification shall apply to any of the foregoing losses, costs, damages, or injuries suffered by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to toxic waste damages, actions of every kind and character arising out of or in connection with the negligence or act or lack of conduct by any Indemnified Person, whether active or passive in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other Indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption, litigation expenses or attorney fees including, without limitation, attorney's fees, court costs and the cost of post judgment interest, or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any Indemnified Person in connection with this agreement or otherwise provided under this agreement even if client or the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any lab because analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operation on the date the services were rendered (i.e. unless quoted and later confirmed in writing). The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client is to pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or actions.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and the client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is engaging services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries of this agreement, and that no third party may rely on or validate, authentication or reports. Client expressly warrants and agrees that its data, information and reports are not intended, or shall be used or relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any interest, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or compliance with directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without adding a rush surcharge. All short holding times, i.e. 7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Some Holding Times of 48 hours or less therefore 4 hours must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the published date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Longer storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been estimated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

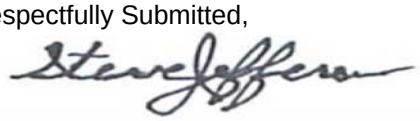
Attention: Ric Vardel
Report Date: 06-Jun-18 16:36
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18E0574-01) Collected: 23-May-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AE82408	2	29-May-18 (EA)	9 mg/l	
pH	SM4500-H-B	AE83043	0.1	23-May-18 (SS)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AE82415	0.05	24-May-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AE82331	1.8	26-May-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AE82331	1.8	26-May-18 (JC)	6.1 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 6/6/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18E0522

Customer: IPC (Integrated Performance Consultants, Inc.		Project : **(MCC) Weekly Process**	
Address: 9297 Research Drive		Sampled by: Golan Kfir	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	5/22/18	12:20	1	Turbidity	Grab	AQ	250 P	4°C	
	"	"	1	UVT	Grab	AQ	1L P	HS	
EQT	5/22/18	12:10	1	TKN	Grab	AQ	500 P	HS	
	"	"	1	TSS	Grab	AQ	1L P	4°C	
	"	"	1	BOD, COD	Grab	AQ	1L P	4°C	
BR2-AB3	5/22/18	12:10	1	TSS	Grab	AQ	1L P	4°C	
	"	"	1	VSS	Grab	AQ	1L P	4°C	

Signature	Print Name (Company)	Date	Time
Relinquished by	Golan IPC	5/22/18	12:30
Received by	C. Tatum PCL	5/22/18	1235
Relinquished by			
Received by			
Relinquished by	C. Tatum PCL	5/22/18	1500
Received in lab by		5/23/18	1520

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC? **Yes** No

Samples intact? **Yes** No

Samples properly preserved? **Yes** No

Samples in holding time? **Yes** No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of Sale, including the price schedule, and any addenda or amendments which are agreed to in writing. "Client" means the individual or entity who has request laboratory services, including in sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may order services by submitting a written chain of custody ("COC") to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of sampling services constitutes the client's express assent to be governed by the terms and conditions. No additional or additional terms and conditions contained in a client's documents shall be deemed to be part of this contract unless agreed upon in acceptance of the Terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession, where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), state and federal rules of the Examination of Water and Wastewater, and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the sampling or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, whether out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for allowing PCL of the same and all information received to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample material provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has failed to pay PCL for all services rendered or is in default or breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care as it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning testing methods, software programs or other innovations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to, attorneys' fees, litigation costs incurred with respect thereto, arising out of client or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or from any claim, liability or violation of client's knowledge under all federal, state or local laws or regulations, including, but not limited to, loss of use of property and/or 3. financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages, or expenses caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall not apply to losses, claims, damages, or expenses arising out of or in connection with the negligent acts or breach of contract by any unidentified person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client otherwise may have to PCL and the other indemnified persons. To the extent not fully covered by insurance, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, with insurance limits in the maximum amounts permitted under applicable law. In no event shall PCL be liable for any indirect, punitive, special, or consequential damages (including, without limitation, loss of profit or business interruption). Litigation Expenses or costs fees (including, without limitation, attorneys fees, court costs, and collection costs, pre-judgment interest), or any other expenses to which incurred by client or any third party in any dispute against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement, even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, batteries or any other hazardous or toxic material, waste, and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request, shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for asphalt base metal analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of submission on the date the services were rendered or with prices quoted and later confirmed in writing. The fee is subject to change at any time without notice. A minimum in advance of work analysis completed is required for all new clients until a history of payment and/or credit account has been established with PCL. For these clients, with an established credit account, the terms for payment of charges are NET 30 (calendar basis) days from date of invoices. To the fullest extent permitted by law by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees to agents and established with such collection procedure or others.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective or binding only if executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished to PCL. Client is retaining services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not to be used or shall be used to induce action or inaction on the part of the purchase, sale, underwriting, or distribution of any securities, any product or other reporting to the holders of any security, the securing, establishment, renewal, or extension of any loan from any financial institution or other lender or the participation in or connection with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged or authorized. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to the samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours or prior PCL to meet holding times without applying a rush surcharge. All times holding times 7-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (typically 6 hours) should be delivered that same day in order to guarantee holding times are met. After hours, late delivery, weight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of our fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. The arranged long term storage is subject to an additional charge. Samples will be disposed of at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

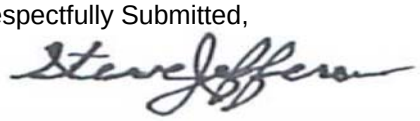
Attention: Ric Vardel
Report Date: 06-Jun-18 16:38
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18E0604-01) Collected: 24-May-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AE82511	2	30-May-18 (EA)	7 mg/l	
pH	SM4500-H-B	AE83043	0.1	24-May-18 (SS)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AE82517	0.05	25-May-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AE82414	1.8	27-May-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AE82414	1.8	27-May-18 (JC)	2.0 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 6/6/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18E0609

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	05/24/18	1140	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.4/24.2°C
			1	BOD	Grab	AQ	1L P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD: Logcode: IPCI Globai ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	05/24/18	1150
Received by		MARIO SANTIESTEBAN (PCL)	5/24/18	1150
Relinquished by		MARIO SANTIESTEBAN (PCL)	5/24/18	1400
Received by				
Relinquished by				
Received in lab by		PM	5-24-18	1600

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	HC - HCl
Comp	HS - H_2SO_4
Matrix	HN - HNO_3
AQ - Water	HP - H_3PO_4
SO - Soil / Sludge	OH - NaOH
OT - Other	ST - Sodium Thiosulfate
Bottle Type	AA - Ascorbic Acid
P - Plastic	Al - $AlCl_3$
G - Amber Glass	Cu - $CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modification to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of such terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other technical data.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees, litigation costs and all awards arising in favor of Client or any third party as a result of, and/or in any way resulting incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. Injury, illness or death of persons 2. Loss of, damage to, loss of, or use of property and/or 3. Financial loss of every kind of character. This indemnification applies to any of the foregoing losses, costs, damages or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence of or breach of this agreement by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the Client might otherwise have to PCL and the other Indemnified Persons. To the extent necessary, under applicable law, Client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the minimum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including without limitation, loss of profit or business interruption) Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and (or pre or post judgment interest)), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person or connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analytes such as: asbestos, polychlorinated biphenyls, bacteria or any other biological or toxic material, wastes and substances which are defined, determined or prohibited as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all potential analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of acceptance of the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when Analysis is completed is required for all new clients or upon statutory of payment and/or credit terms has been established (credit refused). The terms for payment of charges are NET (cash within thirty (30) days from date of invoice. To the fullest extent permitted by or allowed by applicable law, any amounts unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are referred to any legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees, agents' fees associated with such collection process or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms of all be effective on in writing and executed by an officer of PCL or by clients authorized representative. Except as subsequent orders for additional services may be made or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is ordering services hereunder for its own account, and not as agent or broker, or on any other representative or capacity for other persons or entities. Client agrees and acknowledges that there are no third party beneficiaries to this agreement, and that no third party may rely upon data, information or reports. Client represents, warrants, and agrees that such data, information and reports are not to be used, or shall not be used or relied upon, in connection with or as part of any purchase, sale, underwriting, or distribution of any security, any private or other securities by the Client or any issuer, any security, investment, renewal, or extension of any loan from any financial institution or other lender or the verification to or contacting with any specific or indirect, any governmental agency, or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are expended because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be followed prior to any samples being received by PCL. A list of holding times will be provided to the client if requested. All analytes with holding times of 14 days or less, samples must arrive within 96 hours (4 days) PCL can meet holding times without applying a rush surcharge. All short holding times, 1-7 days, samples must arrive at the lab within 24 hours before exposure to insure that the holding times can be met. Short Holding Times of 48 hours or less (excluding hours) must be delivered (hand delivery) in order to guarantee holding times are met. After hours, late deliveries, freight company pickup or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for our pick up or service. Unnecessary delays during the pick up or sampling, might be invoiced an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

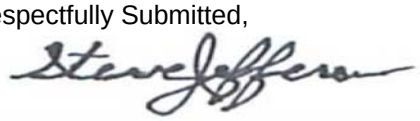
Attention: Ric Vardel
Report Date: 06-Jun-18 16:40
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18E0636-01) Collected: 25-May-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AE82730	2	01-Jun-18 (EA)	11 mg/l	
pH	SM4500-H-B	AE83043	0.1	25-May-18 (SS)	6.9 pH Units	
Residual Chlorine	SM 4500 Cl-G	AE82606	0.05	26-May-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AE82516	1.8	27-May-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AE82516	1.8	27-May-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 6/6/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18E0630

Customer: Water Quality Specialists		**Project:** Effluent Paradise Cove Mobile Home Park Weekly	
Address: 511 Venture St.	**Sampled by:** TOM HORN	**P.O. #:**	
Escondido CA 92029 CA 92029	**Report Attention:** Jon Coombs	**Phone #:** 760-745-2228	

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
Effluent	5-23-18	~~0830~~	2	Total, Fecal Coliforms, E. Coli & ~~Enterococcus~~	Grab	AQ	Coli	4°C	
Effluent		0945	1	Turbidity	Grab	AQ	500 P	4°C	

Signature	Print Name (Company)	Date	Time
Relinquished by	TOM HORN 5-25-18		1130
Received by	MARIO SANTIESTEBAN (PCL)	5/25/18	1150
Relinquished by	MARIO SANTIESTEBAN (PCL)	5/25/18	1520
Received by			
Relinquished by			
Received in lab by	PC	5-25-18	1600

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
~~Grab~~ Comp	HC - HCl
Matrix	HS - H_2SO_4
AQ - Water	HN - HNO_3
SO - Soil / Sludge	HP - H_3PO_4
OT - Other	OH - NaOH
Bottle Type	ST - Sodium Thiosulfate
P - Plastic	AA - Ascorbic Acid
G - Amber Glass	Al - $AlCl_3$
VOA - 40 ml Vial	Cu - $CuSO_4$
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of Sale, including the price schedule, and any additions or amendments hereto to which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services, and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the Client of PCL's offer to do business with the Client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or its location of requesting services constitutes the Client's express assent to be governed by these terms and conditions. No other any or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the Client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession [illegible] which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (CLRP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amounts for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Clients may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence unless such information is generally available to the public or to the public domain or client has told to pay PCL for all services rendered or is otherwise in breach of the agreement subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereby are for the exclusive use and benefit of client and client agrees that there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to attorneys' fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way relating in client to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, illness or death of persons, 2. loss of, damage to, use of, or loss of use of property and/or 3. financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages or expenses caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence (or failure of) of contractors by any interested person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the [illegible]. To the extent [illegible] applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law, or to which client will be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption, Litigation Expenses or other fees including, without limitation, attorney's fees, court costs, and pre or post judgment interest), or any other expenses to pass incurred by client or any other party in any litigation against or including PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all biological analysis client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client will pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and confirmed in writing. The price schedule is subject to change at any time without notice. Payment is due upon client's receipt of invoice and is required for all new clients or until a history of payment and/or credit account has been established with PCL. For clients only with an established credit account, the terms for payment of charges are NET 30 days from invoice date. To the fullest extent permitted by law or as will be by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable court and attorney's fees and all costs associated with such collection proceedings.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by officials of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity, agrees and acknowledges that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not republished or shall be used to relay upon, in connection with or as part of any advertising, solicitation or distribution of any securities, the securing, amendment, renewal or extension of any loan from any financial institution or other lender or the certification to or contracting with directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 2pm on weekdays without prior notification and/or approval. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times will be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 7-7 days, samples must arrive at the lab within 24 hours before exposition to ensure that the holding times can be met. Short Holding Times of 48 hours or less that require 24 hours must be delivered that same day in order to guarantee holding times are met. After hours, late deliveries, freight company delays for similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

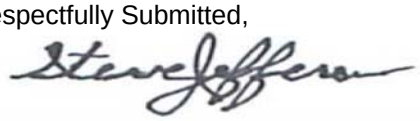
Attention: Ric Vardel
Report Date: 06-Jun-18 16:45
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18E0639-01) Collected: 26-May-18 By Ric Vardel						
Biochemical Oxygen Demand	SM 5210B	AE82730	2	01-Jun-18 (EA)	12 mg/l	
pH	SM4500-H-B	AE83043	0.1	26-May-18 (SS)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AE82606	0.05	26-May-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AE82603	1.8	29-May-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AE82603	1.8	29-May-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 6/6/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18E0647

Customer: IPC, Inc.		**Project :** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** Carlos Alvarez	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	05/28/18	0925	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	05/28/18	
Received by		Evan B	5/28/18	1250
Relinquished by				
Received by				
Relinquished by				
Received in lab by				

Sample Received Checklist

Temperature upon receipt: _____

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu -$CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

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The Client may order services by submitting a written (hard or electronic (EDI)) to PCL. Any such order constitutes 1. an acceptance by the Client of PCL's offer to do business with the Client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No ancillary or additional terms and conditions expressed in a client's document shall be deemed to constitute a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of performance in the profession where applicable. PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided hereon, shall not exceed the invoiced amount for said services. Client's execution of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

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Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

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The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

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9. Confidentiality

Data and the sample material provided by client or at client's request, and the results obtained by PCL shall be held in confidence (unless such information is previously available to the public or in the public domain or client has failed to pay PCL for all services rendered or if otherwise, in breach of the agreement) subject to any disclosure required by lawful legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided to clients are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other innovations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to, all court fees, litigation, investigation and awards arising in favor of Client or any third party, as a result of, and/or in any way resulting from/or in any way out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, disease or death of persons 2. loss of, damage to, trespass on, loss in use of property and/or 3. financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages, or liabilities caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to claims, damages, actions or causes of any kind or character arising out of or in connection with the negligence (if or breach of contract) by any indemnified Person, whether active or passive, in the performance of services under this agreement. The foregoing indemnities will be in addition to any insurance which the client might otherwise have in PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available client insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption, litigation expenses or other fees (including, without limitation, attorney's fees, court costs, and / or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person or connection with this agreement or as penalty provided under this agreement even if client or the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any official administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of archived samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any soil bacterial analysis client will be charged a sample disposal fee per sample submitted in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or such prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit is established with PCL for those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by all applicable law, any amounts unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balance. Unpaid amounts not collected through legal proceedings or by an attorney client shall pay reasonable costs and attorney's fees against fees associated with such collection proceedings or suits.

13. Agreement Modification

Changes, modifications or amendments to the Terms shall be effective only in writing and executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client in securing services hereunder for his own account, and not as agent or broker or on any other representative capacity for any other person or entity, represents and acknowledges that there are no third party beneficiaries to this agreement, and that all third party reliance on such data, information or reports is strictly prohibited. Client represents, warrants, and agrees that said data, information and reports are not transmitted, or shall be used or relied upon, in connection with or as part of any purchase, sale, underwriting, or any portion of any securities, any pending or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and charge conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client of requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 3-7 days, samples must arrive at the lab within 24-72 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria) 24 hours) must be delivered that same day to assist to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of our fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been quoted on the fee schedule, if/even if the time has been allocated for the pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

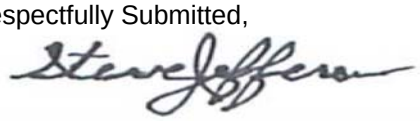
Attention: Ric Vardel
Report Date: 06-Jun-18 16:47
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18E0645-01) Collected: 27-May-18 By Carlos Alvarez						
Biochemical Oxygen Demand	SM 5210B	AE82929	2	03-Jun-18 (VL)	<2 mg/l	
pH	SM4500-H-B	AE83043	0.1	27-May-18 (SS)	7.2 pH Units	
Residual Chlorine	SM 4500 Cl-G	AE82936	0.05	27-May-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AE82733	1.8	29-May-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AE82733	1.8	29-May-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 6/6/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 185645

Customer: IPC, Inc.		**Project :** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** RicVARDZ	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	5/26	0715	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
"	"	"	1	BOD	Grab	AQ	1L P	4°C	
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD: Logcode: IPCI Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by	(FEDEX)	RicVARDZ (IPC)	5/26	0715
Received by	Cindy Martinez	Patchem	5/26	0715 8:32
Relinquished by	Cindy-M	Patchem	5/26	1:35PM
Received by				
Relinquished by				
Received in lab by			5-27-18	1800

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Matrix	Bottle Type
Grab	AQ - Water	P - Plastic
Comp	SO -Soil / Sludge	G - Amber Glass
	OT - Other	VOA - 40 ml Vial
		Coli - bacteria

Preservations

HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

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For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of skill/knowledge in the profession where applicable. PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (STAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or deliverable based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or to come, true with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results spawned by PCL that are held in confidence (unless such information is generally available to the public or is the public domain or client has failed to pay PCL for all services rendered as to otherwise in breach of the agreement), subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data without such standard care observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software procedures or other know-how.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all claims, losses or damages, claims, demands, causes of action, costs and reasonable expenses including, but not limited to all court fees, litigation expenses, and attorney arising in favor of client or any third party as a result of, related in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or standard terms, handling or disposition of client's hazardous materials, 1. injury, illness or death of persons 2. loss of, damage to, loss of use of property and or 3. interference of any kind of civil right whatsoever. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, client agrees that its indemnity obligations will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption (mitigation expenses or other fees including, without limitation, attorney's fees, court costs and the like or your judgement interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or any services provided under this agreement, even if client or the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any or all chemical analysis, client will be charged a sample disposal fee per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of execution of the order, the services were rendered or such prices as may be agreed upon in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or unless a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of invoices are NET 30DAYS within thirty (30) days from date of invoices. To the fullest extent permitted by law, a finance charge of one and one half percent (1.5%) per month on the unpaid balance, if unpaid amount is collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees incurred for such collection proceedings or action.

13. Agreement Modification

Changes, modifications or amendments to the Terms shall be effective only in writing and executed by an officer of PCL and by duly authorized representative, except that subsequent orders for additional services may be placed orally or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is engaging services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. Client agrees and acknowledges that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that such data, information and reports are not requested, or shall not be used to refuse upon, in connection with or as part of any prospectus, sale, underwriting, or distributions of any securities. Any periodic or other reporting to the holders of any security, the securing, amendment, renewal or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed, prior to any samples being received by PCL. A list of holding times will be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times 2-7 days, samples must arrive at the lab, within 24 hours before weekends to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria, filtered) must be delivered next same day in order to guarantee holding times are met. Water hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

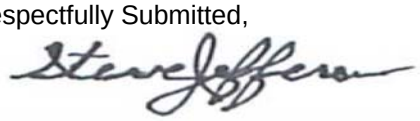
Attention: Ric Vardel
Report Date: 06-Jun-18 16:50
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18E0647-01) Collected: 28-May-18 By Carlos Alvarez						
Biochemical Oxygen Demand	SM 5210B	AE82929	2	03-Jun-18 (VL)	<2 mg/l	
pH	SM4500-H-B	AE83043	0.1	28-May-18 (SS)	7.1 pH Units	
Residual Chlorine	SM 4500 Cl-G	AE82936	0.05	29-May-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AE82927	1.8	31-May-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AE82927	1.8	31-May-18 (JC)	2.0 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 6/6/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18E0647

Customer: IPC, Inc.		**Project:** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** Carlos Alvarez	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	05/27/18	0805	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
"	"	"	1	BOD	Grab	AQ	1L P	4°C	
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	Carlos Alvarez (IPC)	05/27/18	0810
Received by	Jordan Corkery (Pat Chem)	05/27/18	1215
Relinquished by			
Received by			
Relinquished by			
Received in lab by	PC	5-27-18	16:00

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu -$CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The client's delivery of samples to PCL or invitation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the general standards of workmanship in the profession where applicable. PCL will use analytical methodologies which are in substantial compliance with the U.S. Environmental Protection Agency (EPA), CFR Watergaurd (FSAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provision to the contrary in any client purchase orders or contracts.

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The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

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9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees that shall be no third party beneficiaries of such reports, data or information. Client will not disclose any third party any information concerning pricing information, software programs or other consultations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, suits and actions, suits and reasonable expenses including, but not limited to all court fees, (the "Litigation Expenses") and penalties arising in favor of client or any third party as a result of, and/or in any way occurring incidental to, arising out of, or in connection with the performance of PCL pursuant to this agreement and/or misappropriation, handling or disposal of client's hazardous materials; 1. bodily injury or death of persons; 2. loss of, damage to, harm to, or loss of use of property and/or 3. contamination of every kind of client. For the purposes of this agreement, by way of the foregoing losses, costs, damages, will in no case be caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, client hereby also shall specifically agree to defend, indemnify, release all claims of every kind and character arising out of or in connection with the negligence, or breach of covenant by any Indemnified Person, whether active or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any remedy which the client may have in PCL and the other Indemnified Persons. To the extent permitted under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which coverage shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption. Litigation Expenses to whatever, without limitation, attorney's fees, court costs, and out of pocket judgment interests, or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, pesticide related chemicals, bacteria or any other hazardous or toxic materials, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any amendment or additional interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples or specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for analytical purposes, client will be charged a sample disposal fee per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of operations for [illegible] the services were rendered or with prices negotiated and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance, when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH and not later than [illegible] days from date of invoice. In the future, unless prohibited by applicable law, any amounts unpaid at the end of the [illegible] day period subject to interest at the lesser of the maximum rate authorized by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, then client shall pay reasonable court and attorney's fees, costs, and expenses associated with such collection proceedings or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective and binding only if executed by authorized representatives of PCL and by duly authorized representatives, except that subsequent orders for additional services may be oral or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

[illegible] have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client is executing services hereunder for its own account, and not as agent or representative any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and client no third party may rely on such data, information or reports. Client represents, warrants and agrees that said data, information and reports are not requested, or shall be used or relied upon in connection with or as part of any purchase, sale, underwriting, or distribution of any securities, any portion or offer relating to the benefit of any person, the securing, investment, renewal, or extension of any loan from any financial institution or other lender or the participation in or operating with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged or allowed. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on normal days without prior notification and acceptance. Standard holding times and storage conditions should be followed prior to the samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 24 hours to allow PCL to meet holding times without incurring a rush surcharge. All short holding times, 7-7 days, samples must arrive at the lab within 24 hours, prior exception to insure that the holding times can be met. Certain holding times of 48 hours or less shortly after sampling must be delivered that same day in order to guarantee holding times are met. After hours, late deliveries, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. For arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been outlined on the fee schedule. Reasonable fees has been allocated for a [illegible] pick up service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

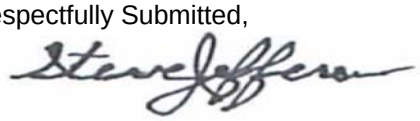
Attention: Ric Vardel
Report Date: 06-Jun-18 16:53
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18E0657-01) Collected: 29-May-18 By Golan Kfir						
Biochemical Oxygen Demand	SM 5210B	AE83034	2	04-Jun-18 (EA)	<2 mg/l	
pH	SM4500-H-B	AE83043	0.1	29-May-18 (SS)	7.3 pH Units	
Residual Chlorine	SM 4500 Cl-G	AE83042	0.05	30-May-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AE82927	1.8	31-May-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AE82927	1.8	31-May-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 6/6/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18E0657

Customer: IPC, Inc.		**Project:** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** Golan Kfir	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field / Lab
EFF	5/29/18	11:30	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.3/25.1°C
	"	"	1	BOD	Grab	AQ	1L P	4°C	
	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	Golan Kfir IPC	5/29/18	11:30
Received by	MARIO SANTESTEBAN (PCL)	5/29/18	1130
Relinquished by	MARIO SANTESTEBAN (PCL)	5/29/18	1335
Received by			
Relinquished by			
Received in lab by		5-29-18	1600

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC?	Yes	No
Samples intact?	Yes	No
Samples properly preserved?	Yes	No
Samples in holding time?	Yes	No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab Comp	HC - HCl HS - H_2SO_4 HN - HNO_3 HP - H_3PO_4 OH - NaOH ST - Sodium Thiosulfate AA - Ascorbic Acid Al - $AlCl_3$ Cu - $CuSO_4$
Matrix AQ - Water SO - Soil / Sludge OT - Other	
Bottle Type P - Plastic G - Amber Glass VOA - 40 ml Vial Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of Sale, including the price schedule and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who/that requests laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to the provisions of these terms and conditions. No boilerplate or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial "congruity" with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's work orders and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request, and the results obtained by PCL shall be held in confidence (unless such information is generally available or the public or in the public domain or client has ruled to pay PCL for all services rendered as confirmation of breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees that there shall be no third party beneficiary of any report, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses, damages, claims, demands, causes of action, costs and associated expenses, including, but not limited to all court fees, time, litigation expenses and awards, arising in favor of Client or any third party as a result of, and/or in any way occurring, incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement, and/or transportation, handling or disposal of client's samples or materials. It is hereby agreed that the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligent acts, breach of contract by or any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to and not limit which the client might otherwise have in PCL and the other indemnified Persons. To the extent not prohibited under applicable law, client agrees that its indemnity obligations will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business, interruption, litigation expenses or other fees (including, without limitation, attorney's fees, court costs, and the like or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement except if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the tests as requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis client will be charged a sample disposal fee per sample submitted in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices or rates later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or advance deposit is completed is required for all new clients or upon a change of payment and/or credit arrangement with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoice. To the fullest extent permitted by law, any amounts unpaid at the end of the 30th day is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, client shall pay reasonable costs and attorney's fees, agents' fees associated with such collection procedures or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is issuing services hereunder for his own account, agent or as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants and agrees that said data, information and reports are not requested, or will be used to relied upon, in connection with or as part of any purchase, sale, underwriting, or distribution of any securities, any public or other reporting to the SEC or any person, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times for storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times will be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 24 hours (or allow PCL to assess holding times without applying a rush surcharge). All short holding (i.e. 7 days), samples must arrive at the lab within 24 to 48 hours depending on the analysis to ensure that the holding times are met. Short Holding Times of 48 hours or less that require delivery must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Prearranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been quoted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up/sampling might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 06-Jun-18 16:55
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18E0698-01) Collected: 30-May-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AE83108	2	05-Jun-18 (EA)	11 mg/l	
pH	SM4500-H-B	AF80443	0.1	30-May-18 (SS)	7.2 pH Units	
Residual Chlorine	SM 4500 Cl-G	AE83117	0.05	31-May-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AE83041	1.8	01-Jun-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AE83041	1.8	01-Jun-18 (PL)	2.0 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 6/6/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18E0698

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	05/30/18	1115	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	05/30/18	1130
Received by		Alex Walker JR (PCL)	05/30/18	1130
Relinquished by		Alex Walker JR (PCL)	5/30/18	1715
Received by				
Relinquished by				
Received in lab by			5/30/18	1715

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such documents may be amended or replaced from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes Client's acceptance by the Client of PCL's offer to do business with the Client under the terms and conditions and Client agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or invitation of consulting services constitutes the Client's request to do so to be governed by these terms and conditions. No exhibit or additional terms and conditions expressed in a Client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the Client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) or the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the sampling or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL's Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services (notwithstanding any provisions to the contrary in any client purchase orders or contracts).

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out of pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform its obligations pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by Client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or in the public domain or Client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement), subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of Client and third parties there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning methods of information, software, programs or other methodologies.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to, amount from time to time required to and paid to any third party as a result of, and/or in any way resulting, incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials), injury, damage or death of persons, property, damage to, loss of, or loss of use of property, and all financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages or liabilities caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to lawsuits, claims, damages, actions of every kind and character arising out of or in connection with the negligence or breach of contract by any intermediate person, whether active or passive, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which it might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by adequate liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption (whether expenses or other fees including, without limitation, attorney's fees, court costs, and/or pre-and post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive complete materials for analysis such as asbestos, polychlorinated biphenols, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies, regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any lab potential analysis client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance to client analysis is completed is required for all new clients or upon a history of delinquent and/or erratic accounts has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by all laws by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permissible by law or one and one-half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents fees associated with such collection procedures or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only if in writing and executed by an officer of PCL and by Client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client engaging services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity, it is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely upon data, information or reports. Client expressly releases, waives, and agrees that said data, information and reports are not intended, or shall be used to induce, or in connection with the extension of credit or the purchase, sale or participation in any securities, any corporate or other reporting or the preparation of any report by the securing, amendment, renewal or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 7-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria) a hazard must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, weight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been instated on this fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 06-Jun-18 16:57
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18E0722-01) Collected: 31-May-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AF80108	2	06-Jun-18 (EA)	5 mg/l	
pH	SM4500-H-B	AF80443	0.1	31-May-18 (SS)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AF80112	0.05	01-Jun-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AE83116	1.8	02-Jun-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AE83116	1.8	02-Jun-18 (JC)	2.0 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 6/6/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18E0722

Customer: IPC, Inc.		**Project :** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** Ric VARDE	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	5/31	0920	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
"	"	"	1	BOD	Grab	AQ	1L P	4°C	
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by	(FRIDGE)	Ric VARDE (IPC)	5/31	0920
Received by		David Lara PCL	5/31/18	1148
Relinquished by		David Lara PCL	5/31/18	1415
Received by				
Relinquished by				
Received in lab by			5.31.18	1600

Sample Received Checklist Y

Temperature upon receipt: _____

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments thereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his/her its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No terms or any or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession where such exist. PCL utilizes analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (SWRCB), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods for the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for assisting PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable price schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has ruled to pay PCL for all services rendered up to reference in breach of the agreement), subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such data where such standard was observed. PCL reports and information provided hereunder are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning testing information, methods employed or other formulations.

10. Hold Harmless

Client releases, and shall save, indemnify, defend and hold PCL its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to attorneys' fees (the Litigation Expenses) asserted and awarded arising in favor of Client or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to any agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury to and/or death of persons, 2. loss of, damage to, and/or loss of use of property and/or 3. Litigation against every kind of character. This indemnification does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL and/or employees. Further, this indemnity shall specifically apply to claims, claims of injury, actions of every kind and character arising out of or in connection with the negligence or alleged negligence of any Indemnified Person, whether actual or alleged, in the performance of the work under this agreement. The foregoing indemnities will be in addition to any rights which any Client may otherwise have at PCL and the other Indemnified Persons. To the extent necessary under applicable law, client agrees that as indemnity satisfaction will be acquired by available liability insurance coverage or be furnished by client, which insurance shall be to the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including without limitation, loss of profit or business interruption (the Litigation Expenses or other fees including, without limitation, attorney's fees, court costs, and the like as well as prejudgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any Indemnified Person in connection with this agreement or the services provided under this agreement, even if client or the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples material for analysis such as asbestos, polychlorinated biphenyls, batteries or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules. PCL provides no representation nor warranty or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the Hazardous Materials. Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples at accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for asbestos analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect on the date of commencement of the services and/or as set forth in a written quotation and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance of work or analysis is required for all new clients or where a history of payment and/or credit acceptable has not been established with PCL. For those clients with an established credit account, the terms for payment of invoices are net 30 days from the date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, client shall pay reasonable costs and attorney's fees, agency fees, associated bills, court collection proceedings and costs.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client's receiving services hereunder for its own account, and not as agent or broker, or any other representative capacity for any other person or entity. Agrees and acknowledges that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not to be used or shall not be relied upon in connection with or as part of any purchase, sale, underwriting, or distribution of any securities. Any consent or other reporting to the holder of any security, the securing, investment, renewal, or extension of any loan from any financial institution or other lender or the certificates to or contracting with directly or indirectly, any governmental agency or instrumentality.

15. Rush Analysis

Rush analysis are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being submitted to PCL. A list of holding times will be provided to the client if requested. All analyses with holding times of 48 hours or less, samples must arrive within 36 hours to allow PCL to meet holding times without applying a rush surcharge. All times holding times 7 days, samples must arrive at the lab within 24 hours. Please work with us to make that the holding times can be met. Short Holding Times of 48 hours or less (bacteria, chlorine) must be delivered that same day in order to guarantee holding times are met. After hours, late deliveries, freight company delays or similar issues are subject to additional surcharges and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for as long thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been quoted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 08-Jun-18 15:27
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0022-01) Collected: 01-Jun-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AF80324	2	08-Jun-18 (EA)	4 mg/l	
pH	SM4500-H-B	AF80443	0.1	01-Jun-18 (SS)	7.2 pH Units	
Residual Chlorine	SM 4500 Cl-G	AF80226	0.05	02-Jun-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AF80113	1.8	03-Jun-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AF80113	1.8	03-Jun-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 6/8/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18F0022

Customer: IPC, Inc.		**Project:** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** Ric VARDEL	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	6/1	0915	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
11	11	11	1	BOD	Grab	AQ	1L P	4°C	
11	11	11	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by (FRIDGE)	Ric VARDEL (IPC)	6/1	0915
Received by		6/1/18	1330
Relinquished by		6/1/18	1530
Received by			
Relinquished by			
Received in lab by		6/1/18	1600

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such documents may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the Client of PCL's offer to do business with the Client upon the terms and conditions and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or its agent or consulting services constitutes the client's express agreed to be governed by these terms and conditions. No conflicting or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of care/standards of the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), 40 CFR Part 136 (EMAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors or the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by Client or at Client's request and the results obtained by PCL shall be held in confidence. Such information is generally available to the public or to the public domain or client is not to pay PCL for all services rendered or is otherwise in breach of the agreement, subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data when such standard was observed. PCL reports and information provided hereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning various information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and incurred expenses including, but not limited to, all costs, fees, litigation & expenses and awards arising in favor of Client or any third party as a result of, and/or in any way occurring, incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, injury, illness or death of persons 2. loss of, damage to, or use of, or theft of use of property and or 3. economic loss of every kind of character. The indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent not expressly undertaken herein, client agrees that no indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be, to the maximum amounts permitted under applicable law, to the extent that PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including without limitation, loss of profit or business interruption, litigation Expenses or other like damages, without limitation, attorney's fees, court costs, and /or pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client or the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, pesticide or any other hazardous or toxic material, waste and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for asbestos analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of submission of the sample(s) or services were rendered or such prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or other security is required for all new clients or upon a history of unpaid and/or stale accounts. Upon being established with PCL for those clients with a previously agreed credit account, the terms for payment of charges are NET (cash) within thirty (30) days from date of invoices. To the fullest extent permitted by law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month (18% annual). If invoice will be timely collected through legal proceedings or by an attorney, the nonprevailing party shall pay all costs and attorney's fees incurred with such collection proceedings or efforts.

13. Agreement Modification

Changes, modifications of amendments to the terms of this offer/agreement will not be valid by an officer of PCL unless by client's authorized representative, except that subsequent orders for additional services may be placed in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is retaining services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or used by client to relate in any connection with or as part of a purchase, sale, underwriting, or syndication of any securities, any participation or other reporting to the holders of any security, the obtaining, amendment, renewal, or extension of any loan from any financial institution or other lender or the participation in or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Short analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush parameter time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded by virtue of samples that are delivered by customers or after 3pm on weekdays without prior notification and acceptance. Standard holding times for storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times will be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours (4 days) PCL to meet holding times. Without applying a safety margin. All short holding times, 7-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times are met. Short Holding Times of 48 hours or less (testing 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late nights, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been stated on the fee schedule. Reasonable time has been allocated for a pick up or service. Unnecessary delays during the pick up or sampling, might be assessed as additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

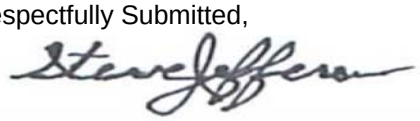
Attention: Ric Vardel
Report Date: 08-Jun-18 15:29
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0027-01) Collected: 02-Jun-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AF80324	2	08-Jun-18 (EA)	4 mg/l	
pH	SM4500-H-B	AF80443	0.1	02-Jun-18 (SS)	7.3 pH Units	
Residual Chlorine	SM 4500 Cl-G	AF80434	0.05	04-Jun-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AF80225	1.8	05-Jun-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AF80225	1.8	05-Jun-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 6/8/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18F0027

Customer: IPC, Inc.		**Project:** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** Ric VARDEL	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	6/2	1145	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
11	11	11	1	BOD	Grab	AQ	1L P	4°C	
11	11	11	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
GlobalID: WDR100000359									

Relinquished by / Received by	Signature	Print Name (Company)	Date	Time
Relinquished by	(FRIDGE)	Ric VARDEL (IPC)	6/2	1145
Received by	Jose L Gomez	Jose L Gomez	6/2	12:11
Relinquished by	Jose L Gomez	Jose L Gomez	6/2	15:18
Received by				
Relinquished by				
Received in lab by		Alex Walker Jr	6/2/18	1536

Sample Received Checklist

Temperature upon receipt: 4°C
# of bottles agrees with COC? (Yes) No
Samples intact? (Yes) No
Samples properly preserved? (Yes) No
Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____
Final Flow _____

Sample Type
(Grab) Comp

Matrix
(AQ - Water)
SO - Soil / Sludge
OT - Other

Bottle Type
(P - Plastic)
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" refers to these Terms and Conditions of Sale, including the price schedule, and any additional or amended terms which are accepted in writing. "Client" means the individual or entity who has received laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means the Pat-Chem Laboratories (PCL) standard price schedule, or such document that is amended or replaced from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in rendering all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (or delivery thereof) only upon the following Client's Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which makes reference specifically to the Terms. No modification of the Terms shall be valid unless in writing signed by an authorized representative of the Client and PCL.

The Client may obtain services by submitting a written mail or electronic (EDI) to PCL. Any such additional terms shall be exclusive to the extent of PCL's offer to perform work with the Client under the terms and conditions and PCL's agreement to be bound by those terms and conditions. The Client's delivery of samples to PCL or initiation of sampling services shall constitute the Client's express consent to be governed by these Terms and conditions. No printed or other terms and conditions appearing on a Client's document shall be deemed to become a part of the contract resulting upon acceptance of the Terms and conditions.

For purpose of this agreement, "perform" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession where applicable. PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), U.S. Government (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater, and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgment of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL's Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided hereon, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel perform the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder, subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client to PCL and the results obtained in the performance of this agreement shall be considered confidential and proprietary information of client and shall not be disclosed to the public or to any individual or entity other than client without the prior written consent of client, except as required by law or legal process. PCL shall not use the data provided by the client or the results obtained in the performance of this agreement for any purpose not contemplated by this agreement without the prior written consent of client. PCL shall exercise the same degree of care to protect the confidentiality of client's information as it exercises to protect its own confidential information, but in no event less than a reasonable degree of care. PCL shall not be restricted in the use of any information that is or becomes generally available to the public or PCL's customers through no fault of PCL, or that PCL can demonstrate was rightfully in its possession prior to receipt from client, or that PCL can demonstrate was developed independently by PCL without reference to client's information, or that PCL is required to disclose by law, regulation or court order, provided that PCL gives client reasonable prior notice of such disclosure and cooperates with client's reasonable requests to minimize the scope of such disclosure.

10. Hold Harmless

Client hereby indemnifies and holds harmless PCL, its employees, officers, directors, agents, successors and assigns from and against any and all claims, liabilities, losses, damages, costs and expenses, including reasonable attorneys' fees and costs of litigation, arising out of or in any way connected with the performance of this agreement by PCL, except to the extent that such claims, liabilities, losses, damages, costs and expenses are caused by the gross negligence or willful misconduct of PCL. Client shall indemnify, defend and hold harmless PCL from and against any and all claims, liabilities, losses, damages, costs and expenses, including reasonable attorneys' fees and costs of litigation, arising out of or in any way connected with the performance of this agreement by PCL, except to the extent that such claims, liabilities, losses, damages, costs and expenses are caused by the gross negligence or willful misconduct of PCL. Client shall indemnify, defend and hold harmless PCL from and against any and all claims, liabilities, losses, damages, costs and expenses, including reasonable attorneys' fees and costs of litigation, arising out of or in any way connected with the performance of this agreement by PCL, except to the extent that such claims, liabilities, losses, damages, costs and expenses are caused by the gross negligence or willful misconduct of PCL. Client shall indemnify, defend and hold harmless PCL from and against any and all claims, liabilities, losses, damages, costs and expenses, including reasonable attorneys' fees and costs of litigation, arising out of or in any way connected with the performance of this agreement by PCL, except to the extent that such claims, liabilities, losses, damages, costs and expenses are caused by the gross negligence or willful misconduct of PCL.

11. Hazardous Substances

For PCL to perform the services required by this agreement, client will provide and PCL will receive samples and materials for analysis which may contain hazardous substances, materials or other substances of a hazardous, toxic and substances which are defined, determined or designated as hazardous, toxic or pollutants under federal, state or local laws. PCL agrees to maintain in compliance with applicable laws, rules and regulations all permits, licenses and approvals required by any governmental or regulatory authority in connection with the performance of its services under this agreement. Client shall comply with all applicable laws, rules and regulations relating to the possession, use and disposal of any hazardous substances, materials or other substances provided to PCL or generated by PCL in connection with this agreement. Client shall indemnify, defend and hold harmless PCL from and against any and all claims, liabilities, losses, damages, costs and expenses, including reasonable attorneys' fees and costs of litigation, arising out of or in any way connected with the possession, use or disposal of any hazardous substances, materials or other substances provided to PCL or generated by PCL in connection with this agreement, except to the extent that such claims, liabilities, losses, damages, costs and expenses are caused by the gross negligence or willful misconduct of PCL. Client shall indemnify, defend and hold harmless PCL from and against any and all claims, liabilities, losses, damages, costs and expenses, including reasonable attorneys' fees and costs of litigation, arising out of or in any way connected with the possession, use or disposal of any hazardous substances, materials or other substances provided to PCL or generated by PCL in connection with this agreement, except to the extent that such claims, liabilities, losses, damages, costs and expenses are caused by the gross negligence or willful misconduct of PCL. Client shall indemnify, defend and hold harmless PCL from and against any and all claims, liabilities, losses, damages, costs and expenses, including reasonable attorneys' fees and costs of litigation, arising out of or in any way connected with the possession, use or disposal of any hazardous substances, materials or other substances provided to PCL or generated by PCL in connection with this agreement, except to the extent that such claims, liabilities, losses, damages, costs and expenses are caused by the gross negligence or willful misconduct of PCL.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of completion of the services. Unless otherwise agreed to in writing, the price schedule is subject to change at any time without notice. Payment is required in advance of completion of services for all new clients or upon a showing of payment problems with clients. Accounts have been established with PCL and client's credit with all invoices are net 30 days from date of invoice. To the fullest extent permitted by law, a finance charge of 1.5% per month (18% per annum) shall be added to all accounts not paid within the stated time period. If collection proceedings through legal counsel are instituted, the client agrees to pay reasonable attorneys' fees and costs incurred by PCL, whether or not suit is filed.

13. Agreement Modification

Changes, modifications or amendments to the terms and conditions of this agreement shall be effective only if they are made in writing and executed by an authorized representative of each party. Any such changes, modifications or amendments shall be effective only to the extent specifically set forth in such writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of services or data, information, or reports issued by PCL. Client is acquiring services exclusively for its own account and not as agent for, or for the benefit of, any other person or entity. Except as otherwise specifically agreed to in writing by PCL, there are no third party beneficiaries to this agreement, and no third party shall rely upon any services, information or reports issued by PCL. Client represents, warrants and agrees that any data, information and reports are not relied upon or used by client in connection with, or in support of, the purchase, sale, underwriting, or dissemination of any securities, any prospectus or offering memorandum relating to the foregoing, or any loan, mortgage, refinancing or extension of any loan from any financial institution or other lender or the purchase or sale of any interest in real estate, and no third party shall be entitled to rely on any services, information or reports issued by PCL.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the turn around time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are imposed by others (e.g. regulatory agencies) that are beyond our control, such as delays in shipping, customs, weekends, holidays and inclement weather. Samples requiring rush and short holding times should be reviewed prior to any samples being received by PCL. Lists of holding times can be provided to the client if requested. All analyses with holding times of 3 days or less, samples must arrive within 36 hours or allow PCL 24 hours holding time, whichever provides the most coverage. All short holding times (3 days or less) are subject to acceptance by PCL. Short holding times are subject to surcharges. Short Holding Times of 48 hours or less (excluding Saturday, Sunday and holidays) must be confirmed to guarantee holding times are met. After hours, late delivery, freight company delays or driving issues are subject to additional cash fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for up to 30 days (20 days after analytical services completed, unless storage for longer periods is requested by the client). Prolonged long term storage is subject to an additional charge. Samples will be disposed of at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been created on a pre-scheduled, reasonable time basis allowing for each pick up or service. Unnecessary delays during the pick up or sampling might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

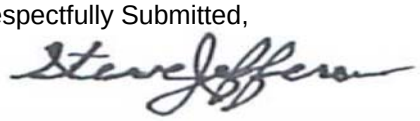
Attention: Ric Vardel
Report Date: 13-Jun-18 15:00
Subject: (MCC) Monthly EFF

Project/P.O.#: (MCC) Monthly EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0029-01) Collected: 02-Jun-18 By IPC						
Boron	EPA 200.7	AF80437	0.10	07-Jun-18 (AF)	0.52 mg/l	
MBAS	SM 5540C	AF80432	0.20	04-Jun-18 (PL)	<0.20 mg/l	
Oil & Grease (HEM)	EPA 1664A	AF80436	5	04-Jun-18 (VD)	<5 mg/l	
Phosphorus, Total as P	EPA 365.1	AF80534	0.15	05-Jun-18 (LA)	3.48 mg/l	
Total Dissolved Solids	SM 2540C	AF80438	5	05-Jun-18 (EA)	732 mg/l	
Chloride	EPA 300.0	AF80710	1.0	08-Jun-18 (PL)	185 mg/l	
Sulfate as SO4	EPA 300.0	AF80710	0.5	08-Jun-18 (PL)	138 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 6/13/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18F0029

Customer: IPC, Inc.		Project : (MCC) Monthly EFF	
Address: 9297 Research Drive		Sampled by: Ric Vardel	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	6/2	1145	1	SO4, Cl, TDS	Grab	AQ	1/2 Gal. P	4°C	
"	"	"	1	MBAS	Grab	AQ	500 P	4°C	
"	"	"	1	Oil & Grease	Grab	AQ	1L G	HC	
"	"	"	1	Boron	Grab	AQ	250 P	HN	
"	"	"	1	T.Phos	Grab	AQ	250 P	4°C	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by: (FRIDGE	Ric Vardel (IPC)	6/2	1145
Received by: Jose L Gomez	Jose L Gomez	6/2	12:11
Relinquished by: Jose L Gomez	Jose L Gomez	6/2	15:18
Received by:			
Relinquished by:			
Received in lab by: Alex Valdez	Alex Walker Jr	6/2/18	1540

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Sample Received Checklist

Temperature upon receipt: 4 °C

# of bottles agrees with COC? (Yes) No

Samples intact? (Yes) No

Samples properly preserved? (Yes) No

Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
(Grab)
Comp

Matrix
(AQ) - Water
SO -Soil / Sludge
OT - Other

Bottle Type
(P) - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu -$CuSO_4$

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

These Terms and Conditions means these Terms and Conditions of Sale, including the price schedule, and any addenda or amendments to which we have agreed in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and to all its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services on, and only on, the following General Terms and Conditions (the "Terms"). These Terms shall govern each of PCL and the Client's (and their respective successors) agreement to which it does not expressly incorporate the Terms. No modification of the Terms shall be valid and binding unless in writing and signed by duly authorized representatives of the Client and PCL.

The Client's agreement to these Terms is evidenced by (a) providing a written order of such to PCL, which order shall be subject to acceptance by the Client at PCL's option in its sole discretion, and the Client's signature on the Terms, or (b) the Client's agreement to these Terms and conditions. The Client's ordering of services constitutes the Client's express assent to be governed by these terms and conditions. No terms and conditions additional to, or different from, those stated in these Terms and conditions, whether proposed in the Client's purchase order or other documents, shall be deemed to become a part of this contract, in the absence of the Client's written agreement to such terms and conditions.

For purposes of this agreement, "services" shall mean all work to be performed for the Client, including preparation of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession where applicable. PCL will use analytical methodologies which are in substantial compliance with the U.S. Environmental Protection Agency (EPA), U.S. Occupational Safety and Health Administration (OSHA), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM), or the Commission of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or as otherwise based on the reasonable judgment of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOPs) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or subcontractors to the Client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amounts for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provision to the contrary in any client purchase orders or specifications.

5. Clients Responsibility

Unless PCL personnel perform the sampling, the client shall be responsible for the condition which the samples are collected and for conducting in and about the sampling site and for warning PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's particular order and all subsequent orders for additional services, whether placed in writing or verbally except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for failure or delay to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the written materials or reports prepared by PCL personnel and the results obtained by PCL shall be held in confidence between PCL and Client to the extent permitted by law or any PCL facility regulations. In addition to these or any PCL facility regulations, in the event of breach of the agreement, subject to any minimum requirement by law or federal regulations, PCL shall not be held responsible for subsequent misuse of data and shall not be responsible for misinterpretation of data by Client or any third party. Client agrees to indemnify and hold harmless PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent corporations and against any and all liabilities, losses, damages, claims, costs and expenses (including reasonable attorneys' fees and costs of litigation) arising out of or in connection with any claim by any third party relating to the services performed by PCL hereunder and the data and information provided by PCL hereunder, except to the extent that such liabilities, losses, damages, claims, costs and expenses are caused by the gross negligence or willful misconduct of PCL or its employees. Client shall indemnify PCL against any and all claims, losses, damages, liabilities, costs and expenses (including reasonable attorneys' fees and costs of litigation) arising out of or in connection with any claim by any third party relating to the performance of services hereunder by PCL

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

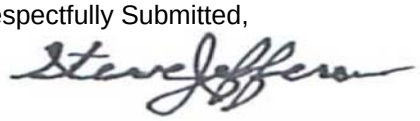
Attention: Ric Vardel
Report Date: 07-Jun-18 10:02
Subject: (MCC) Weekly EFF

Project/P.O.#: (MCC) Weekly EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0025-01) Collected: 02-Jun-18 By IPC						
Ammonia as N	EPA 350.1	AF80535	0.10	05-Jun-18 (SGS)	<0.10 mg/l	
Nitrate as N	EPA 353.2	AF80435	0.10	04-Jun-18 (SGS)	2.73 mg/l	
Nitrite as N	EPA 353.2	AF80435	0.10	04-Jun-18 (SGS)	0.18 mg/l	
Total Kjeldahl Nitrogen	EPA 351.2	AF80433	0.10	07-Jun-18 (LA)	1.02 mg/l	
Total Suspended Solids	SM 2540D	AF80439	1	04-Jun-18 (EA)	<1 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 6/7/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18F0025

Customer: IPC, Inc.		Project: (MCC) Weekly EFF	
Address: 9297 Research Drive		Sampled by: R c VARDEL	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	6/2	1145	1	TSS	Grab	AQ	1L P	4°C	
11	11	11	1	NH4, TKN	Grab	AQ	500 P	HS	
11	11	4	1	NO2, NO3	Grab	AQ	500 P	4°C	
Geotracker EDD:									
Logcode: IPCI Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by (FRIDGE)	Ric VARDEL (IPC)	6/2	1145
Received by Jose L Gomez	Jose L Gomez	6/2	12:11
Relinquished by			
Received by			
Relinquished by			
Received in lab by	Alex Walker Jr	6/2/18	1530

Sample Received Checklist

Temperature upon receipt: 4 °C

# of bottles agrees with COC?	(Yes) No
Samples intact?	(Yes) No
Samples properly preserved?	(Yes) No
Samples in holding time?	(Yes) No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
(Grab) Comp	HC - HCl
Matrix	HS - H_2SO_4
(AQ) - Water	HN - HNO_3
SO - Soil / Sludge	HP - H_3PO_4
OT - Other	OH - NaOH
Bottle Type	ST - Sodium Thiosulfate
P - Plastic	AA - Ascorbic Acid
G - Amber Glass	AI - $AlCl_3$
VOA - 40 ml Vial	Cu - $CuSO_4$
(Coli) - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of Sale, including any quotation, and any additions or amendments to any quote we agree to in writing. "Client" means the individual or entity who has required laboratory services, consulting or technical services and his or its heirs, successors, assigns and representatives. "Price Schedule" means the then-current laboratory or PCL standard price schedule as such document may be amended or replaced from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and is willing to accept orders for services as specified herein only subject to the following terms and conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which addresses and incorporates the Terms. No qualifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may order services by submitting a written shall or such order (SOO) to PCL. Any such order constitutes an acceptance by the Client of PCL's offer to do business with the Client under the Terms and Conditions and Client agrees to be bound by these Terms and Conditions. The Client's placement of samples to PCL or acceptance of laboratory services constitutes the Client's explicit assent to be governed by these terms and conditions. No provision of additional terms and conditions contained in any Client's document shall be deemed to be only a part of the contract unless accepted in writing by PCL.

For the purpose of this agreement, "services" shall mean all work to be performed for the Client, including any oral or written reports and communications rendered by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of performance in the profession where applicable. PCL will use methods commonly accepted which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), US Watershed (TIAM), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or circumstances of the samples or otherwise based on the professional judgement of PCL. Deviations will be made in a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOPs) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or subcontractors to the Client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order or SOO or payment releases PCL from any liability or claims of the received analysis for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel perform the sampling, the Client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for assuring PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out of pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and information which is developed by PCL in the course of Client's request and the results rendered by PCL shall be held in confidence from third parties unless Client consents in writing to release it to the public or in the public domain or unless it is required by law or by court order to be released. Client agrees that PCL may release data and results of client samples to governmental agencies as required by law or regulation. Client shall be responsible for all costs incurred by PCL in responding to any subpoena, court order or request for information or testimony relating to Client's samples or services. Client agrees to pay PCL for its time and expenses, including attorneys' fees, incurred in responding to any such subpoena, court order or request for information or testimony.

10. Hold Harmless

Client agrees to defend, indemnify and hold harmless PCL, its employees, officers, agents, successors and assigns from and against any and all claims, losses or damages, demands, causes of action, suits and proceedings, including reasonable attorneys' fees and expenses, arising out of or in connection with the performance of services hereunder, provided, however, that Client shall not be required to indemnify PCL for any claim, loss or damage caused by the gross negligence or willful misconduct of PCL or its employees. Client shall indemnify PCL for any claim, loss or damage caused by the negligence or willful misconduct of Client

PAT-CHEM
LABORATORIES
QUALITY ANALYTICAL SERVICES SINCE 1987
1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

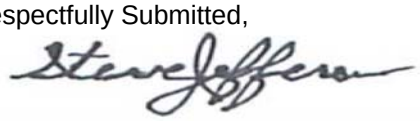
Attention: Ric Vardel
Report Date: 08-Jun-18 15:24
Subject: (MCC) Weekly INF

Project/P.O.#: (MCC) Weekly INF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
INF (Sample I.D.# : 18F0028-01) Collected: 02-Jun-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AF80324	2	08-Jun-18 (EA)	281 mg/l	
Total Suspended Solids	SM 2540D	AF80439	1	04-Jun-18 (EA)	120 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 6/8/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18F0028

Customer: IPC, Inc.		Project : (MCC) Weekly INF	
Address: 9297 Research Drive		Sampled by: Ric VARDEL	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
INF	6/2	1215	1	TSS	Grab	AQ	1L P	4°C	
11	11	11	1	BOD	Grab	AQ	1L P	4°C	
Geotracker EDD:									
Logcode: IPCI Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Ric VARDEL (IPC)	6/2	1215
Received by		Alex Walker Jr (PCL)	6/2/17	1232
Relinquished by		Jose L Gomez	6/2	15:18
Received by				
Relinquished by				
Received in lab by		Alex Walker Jr	6/2/17	1538

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC? (Yes) No

Samples intact? (Yes) No

Samples properly preserved? (Yes) No

Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
(Grab)
Comp

Matrix
(AQ) Water
SO -Soil / Sludge
OT - Other

Bottle Type
(P) - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of Sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which shall incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No additional or additional terms and conditions expressed in a client's document shall be deemed to become a part of this contract, except upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of knowledge in the profession. Where applicable, PCL will use analytical methodology in which are in accordance with the U.S. Environmental Protection Agency (EPA), 1-4 Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) or New Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature of sample(s) or of the sampling or collection based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or subcontractors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's execution of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at Client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is in the public domain or Client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement), subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided hereunder are for the exclusive use and benefit of Client and Client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical know-how, software, processes or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and expenses including, but not limited to attorney fees, (the "Losses") asserted against or paid to defend or settle by Client or any third party as a result of, arising in any way relating, incident to arising out of or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, condition or disposal of client's hazardous materials or waste, damage or death of persons or property, failure to act or failure to act properly on behalf of Client or any agent thereof. Client shall pay to PCL on demand any and all expenses including legal fees and costs incurred by PCL in connection with the investigation or defense of any of the foregoing claims, costs, demands, actions, suits, judgments or liabilities. Client shall not be liable for any claim, liability or loss caused by the gross negligence or willful misconduct of PCL or its employees. Further, client agrees to hold PCL harmless from any and all claims, demands, actions, suits, judgments or liabilities, claims, damages, penalties, fines, costs, attorneys' fees or expenses of every kind and nature whatsoever arising in connection with the storage, treatment, transportation, disposal or handling of hazardous materials or waste by any independent person, whether actual or asserted, in the performance of services under this agreement. The foregoing indemnity shall survive the termination of this agreement. Client agrees to indemnify PCL and hold it harmless from any and all claims, demands, actions, suits, judgments or liabilities, costs, damages, penalties, fines or expenses, including attorneys' fees, arising out of or in connection with PCL's performance of services under this agreement, except to the extent that any such claim, liability or loss is caused by the gross negligence or willful misconduct of PCL or its employees. Further, client agrees to hold PCL harmless from any and all claims, demands, actions, suits, judgments or liabilities, claims, damages, penalties, fines, costs, attorneys' fees or expenses of every kind and nature whatsoever arising in connection with the storage, treatment, transportation, disposal or handling of hazardous materials or waste by any independent person, whether actual or asserted, in the performance of services under this agreement. The foregoing indemnity shall survive the termination of this agreement. Client agrees to indemnify PCL and hold it harmless from any and all claims, demands, actions, suits, judgments or liabilities, claims, damages, penalties, fines, costs, attorneys' fees

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 13-Jun-18 14:35
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0033-01) Collected: 03-Jun-18 By Ric Vardel						
Biochemical Oxygen Demand	SM 5210B	AF80537	2	10-Jun-18 (VL)	<2 mg/l	
pH	SM4500-H-B	AF80443	0.1	03-Jun-18 (SS)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AF80434	0.05	04-Jun-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AF80325	1.8	05-Jun-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AF80325	1.8	05-Jun-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 6/13/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18F0033

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Ric VARDEL	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	6/3	1150	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
11	11	11	1	BOD	Grab	AQ	1L P	4°C	
11	4	4	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD: Logcode: IPCI Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by	(FEDEX)	Ric VARDEL (IPC)	6/3	1150
Received by		Jordan Corkery (Parker)	6/3	13:30
Relinquished by				
Received by				
Relinquished by				
Received in lab by				

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	**HC** - HCl
Comp	**HS** - H_2SO_4
Matrix	**HN** - HNO_3
AQ - Water	**HP** - H_3PO_4
SO -Soil / Sludge	**OH** - NaOH
OT - Other	**ST** - Sodium Thiosulfate
Bottle Type	**AA** - Ascorbic Acid
P - Plastic	**Al** - $AlCl_3$
G - Amber Glass	**Cu** -$CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any amendments or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services, and his or its heirs, successors, assigns, and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule in such document may be amended or removed from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined hereinafter) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes: 1. an acceptance by the Client of PCL's offer to do business with the Client under the Terms and conditions and 2. an agreement to be bound by these Terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by the Terms and conditions. No printed or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the Terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standard of workmanship in the profession, where applicable. PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (CSAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services. Notwithstanding any provisions to the contrary in any client purchase orders or contracts.

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10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to, all court fees, litigation, arbitration and investigation fees or costs, in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or in connection, handling or disposal of client's hazardous materials, if any, (except to the extent of gross negligence or willful misconduct of PCL or its employees). Further, this indemnity shall specifically apply to claims client manager, officers or employees and regulatory agencies or in connection with the negligence of or claims asserted by any indemnified Person, whether active or alleged, in the performance of services under this agreement. The foregoing indemnities will survive expiration or termination of this agreement. Client shall not be liable to PCL or the other Indemnified Persons, to the extent permitted by applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage or be furnished by client, which insurance shall be in the minimum amounts permitted under applicable law, or not more than PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption, Litigation Expenses or other loss including, without limitation, attorney's fees, court costs, and the pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or an indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, dioxins or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under Federal, State or local laws, rules, PCL policies or regulations (or after law existing or hereafter enacted or promulgated or any federal or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any lab bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of service(s) on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or credit card is required for all new clients of PCL. Industry standard and/or public account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET (30) within thirty (30) days from date of invoice. To the fullest extent permitted by law and applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agency fees established with such collection procedures or courts.

13. Agreement Modification

Changes, modifications or amendments to the Terms shall be effective only if in writing and executed by an officer of PCL and by clients authorized representative. Verbal or oral subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or results furnished to PCL. Client is acting on own behalf for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not to retain, or shall be used to retain client, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or consulting with, directly or indirectly, any government body, agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are received on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours of when PCL is given holding times without applying a rush surcharge. All analyses having 7-10 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less that require next day delivery must be delivered that same day in order to guarantee holding times are met. After hours, late deliveries, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is removed only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

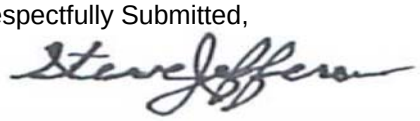
Attention: Ric Vardel
Report Date: 13-Jun-18 14:44
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0052-01) Collected: 04-Jun-18 By RV						
Biochemical Oxygen Demand	SM 5210B	AF80537	2	10-Jun-18 (VL)	<2 mg/l	
pH	SM4500-H-B	AF81121	0.1	04-Jun-18 (SS)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AF80533	0.05	05-Jun-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AF80444	1.8	06-Jun-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AF80444	1.8	06-Jun-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 6/13/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18F0052

Customer: IPC, Inc.		Project : **(MCC) Daily EFF**	
Address: 9297 Research Drive		Sampled by: Ric Vardel	P.O. #:
Irvine	CA 92618	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	6/4	1245	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
〃	〃	〃	1	BOD	Grab	AQ	1L P	4°C	
〃	〃	〃	2	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by (FRIDGE)	Ric Vardel (IPC)	6/4	1245
Received by EG	Evan G.	6/4/18	1325
Relinquished by EG	Evan	6/4/18	1440
Received by			
Relinquished by			
Received in lab by	RL	6-4-18	1600

Sample Received Checklist

Temperature upon receipt:	4
# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Matrix	Bottle Type
Grab	AQ - Water	P - Plastic
Comp	SO - Soil / Sludge	G - Amber Glass
	OT - Other	VOA - 40 ml Vial
		Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these terms and conditions of sale, including the price schedule, and any additions to amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

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For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

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The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request, and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or in the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided hereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of said reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all claims, losses or damages, claims, demands, causes of action, suits and reasonable expenses including, but not limited to all court fees (the obligation, if awarded and awarded arising in favor of Client or any third party as a result of, and/or in any way occurring incident to or arising out of, or in connection with the performance of services by PCL pursuant to this agreement) and/or transportation, handling or disposal of client's hazardous materials. 1. Injury, disease or death of persons 2. Loss of, damage to, use of, or loss or use of property and or 3. Financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims or charges, actions of every kind and character arising out of or in connection with the negligence or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any remedy which the client might otherwise have at PCL and the other Indemnified Persons. To the fullest extent permitted under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including without limitation, loss of profit or business interruption, litigation expenses or other fees (including without limitation, attorney's fees, court costs, and pre or post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client or the laboratory has

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted, promulgated or any revised or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL is at client or at client's request, shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any lab bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all those clients lacking a history of payment and/or credit activity has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET (Insert number) days from date of invoices. To the fullest extent permitted by all applicable law, any amounts unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's (in-house) agents' fees associated with such collection proceedings or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client's authorized representative. Verbal or subsequent orders for additional services may be taken but are to be in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is providing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other persons or firms. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third parties may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or used by client to relate, or in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal or extension of any loan from any financial institution or other lender or the certification to or contract with, directly or indirectly, any governmental agency, department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that may exceed the date of samples that are delivered on weekends or after 2:00 on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. For analytes with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All tests have holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding time can be met. Tests Holding Times of 48 hours or less (bacteria) must be delivered Mon-Fri only as we cannot guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage (longer periods) is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been stated in the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

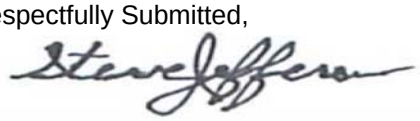
Attention: Ric Vardel
Report Date: 13-Jun-18 14:48
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0083-01) Collected: 05-Jun-18 By Golan Kfir						
Biochemical Oxygen Demand	SM 5210B	AF80630	2	11-Jun-18 (SGS)	<2 mg/l	
pH	SM4500-H-B	AF81121	0.1	05-Jun-18 (SS)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AF80636	0.05	06-Jun-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AF80541	1.8	09-Jun-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AF80541	1.8	09-Jun-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 6/13/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1806093

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Golan Kfir	P.O. #:
Irvine	CA 92618	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	6/5/18	13:05	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
	"	"	1	BOD	Grab	AQ	1L P	4°C	
	"	"	2	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by: GK	Golan, IPC	6/5/18	
Received by: DXRA	David Lara PCL	6/5/18	1324
Relinquished by: DXRA	David Lara PCL	6/5/18	1520
Received by:			
Relinquished by:			
Received in lab by:	RL	6/5/18	1520

Sample Received Checklist

Temperature upon receipt:	4
# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	HC - HCl
Comp	HS - H_2SO_4
Matrix	HN - HNO_3
AQ - Water	HP - H_3PO_4
SO - Soil / Sludge	OH - NaOH
OT - Other	ST - Sodium Thiosulfate
Bottle Type	AA - Ascorbic Acid
P - Plastic	Al - $AlCl_3$
G - Amber Glass	Cu - $CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of Sale, including the price schedule and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications of the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), 40 waterboard (TLLAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of all or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services, notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out of pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain, or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose or any third party any information including technical information, methods, processes or other techniques.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to, all court fees, the Litigation Estimate and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, illness or death of persons, 2. loss of, damage to, use of, or loss of use of property and or, 3. financial loss of every kind or character. This indemnification does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence, willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to fines, claims damages, actions of every kind and character arising out of or in connection with the negligence of or breach of duty by any intended person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In the event that PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption, litigation expenses or other fees (including, without limitation, attorney's fees, court costs, and the like or post-judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement such limitation provided under this agreement shall control to the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or described as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request, shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for asbestos bulk analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operation on the date the services were rendered or with prices stated and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis of completed is required for all new clients or until a history of payment and/or credit acceptance has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within forty (30) days from date of invoices. To the fullest extent permitted by law or any applicable law, any amounts unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection proceedings or efforts.

13. Agreement Modification

Changes, modifications or amendments to the Terms shall be effective only in writing and executed by an officer of PCL and by clients authorized representative. Verbal and subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports developed by PCL. Client is providing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or party. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on PCL's data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not intended, or shall be used to solicit loans in connection with or as part of the purchase, securitization, or distribution of any securities, any periodic or other reporting to the holders of any security, the servicing, amendment, renewal or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times in the case of samples that are delivered on weekends or after business hours without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less that arrive in 4 hours must be delivered that same day in order to guarantee holding times are met. After hours, late deliveries, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are reflect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

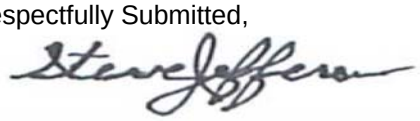
Attention: Ric Vardel
Report Date: 13-Jun-18 14:54
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0125-01) Collected: 06-Jun-18 By Golan Kfir						
Biochemical Oxygen Demand	SM 5210B	AF80713	2	12-Jun-18 (SGS)	<2 mg/l	
pH	SM4500-H-B	AF81121	0.1	06-Jun-18 (SS)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AF80715	0.05	07-Jun-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AF80635	1.8	08-Jun-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AF80635	1.8	08-Jun-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 6/13/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18F0125

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine	CA 92618	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field (Lab)
EFF	06/06/18	1100	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.41
			1	BOD	Grab	AQ	1L P	4°C	
			1 &	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	06/06/18	
Received by		Robert Keen	6/6/18	
Relinquished by		MARIO SANTIESTEBAN	6/6/18	
Received by				
Relinquished by				
Received in lab by			6/6/18	1502

Sample Received Checklist 4°C

Temperature upon receipt:	
# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu -$CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of Sale, including the price schedule and any additions or amendments to which are agreed to in writing. "Client" means the individual or entity who/ they receive laboratory services, including its consulting services and to its directors, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule, as such document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for service as (as defined herein) only under the following terms of terms and conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written Letter of Authority (LOA) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No conflicting or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of care prevailing in the profession where applicable. PCL extends no other acknowledges which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), U.S. Water Board (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL's standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's execution of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services rendered hereunder any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether or placed in writing or verbally except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample matrices provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning personal information, software programs or other trade secrets.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to attorneys fees (the Litigation Expenses) and awards arising in favor of client or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement, and/or transportation, handling or disposition (client's hazardous materials), injury, disease or death of persons, 2. loss of, damage to, misuse of, or loss of use of property and or 3. the existence of environment of chemicals. The indemnity agreement applies to any of the foregoing unless such damages or a part caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to claims, charges, actions of any kind and character arising out of or in connection with the negligence or breach of contract by any unidentified person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and its employees. Hold Harmless. To the extent permitted under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption (vacation expenses or other fees) providing, without limitation, attorney's fees, court costs and/or the cost of jury judgement interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services as requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, source and substances which are defined, determined or classified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL is on client or client's request, shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis client will be charged a sample disposal fee per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect on the date of operations on the date the services were completed or such gross negligent and agent confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an account established, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted at all by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees in addition to the amounts due with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and client's authorized representative, except that supplemental orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client is acting as sole responsible for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries of this agreement, and that no third party shall rely on any data, information or reports. Client represents, warrants and agrees that said data, information and reports are not forwarded, or shall be used or relied upon in connection with or as part of, the preparation, use, sale, lending, or distribution of any securities, any periodic or other reporting to the holders of any company, the lending, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analysis are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are received on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 24 hours or less, samples must arrive within 36 hours to allow PCL a reasonable holding period without applying a rush surcharge. All tests holding times of 48 hours, samples must arrive at the lab within 24 hours before expiration to ensure that the holding time can be met. Short holding times of 48 hours or less (turnaround) is found must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, weight concerns, delays or shorter holding times are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be disposed of at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allowing for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

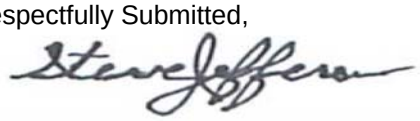
Attention: Ric Vardel
Report Date: 13-Jun-18 15:13
Subject: (MCC) Weekly EFF

Project/P.O.#: (MCC) Weekly EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0127-01) Collected: 06-Jun-18 By IPC						
Ammonia as N	EPA 350.1	AF80807	0.10	08-Jun-18 (SGS)	<0.10 mg/l	
Nitrate as N	EPA 353.2	AF80809	0.20	08-Jun-18 (LA)	2.15 mg/l	
Nitrite as N	EPA 353.2	AF80809	0.02	08-Jun-18 (LA)	<0.02 mg/l	
Total Kjeldahl Nitrogen	EPA 351.2	AF81122	0.10	13-Jun-18 (LA)	0.26 mg/l	
Total Suspended Solids	SM 2540D	AF80808	1	08-Jun-18 (SGS)	<1 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 6/13/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18F0127

Customer: IPC, Inc.		Project: (MCC) Weekly EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	06/06/18	1100	1	TSS	Grab	AQ	1L P	4°C	
	"	"	1	NH4, TKN	Grab	AQ	500 P	HS	
	"	"	1	NO2, NO3	Grab	AQ	500 P	4°C	
Geotracker EDD:									
Logcode: IPCI Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	06/06/18	
Received by		Robert Keen	6/6/18	
Relinquished by		MARJO SANTIESTEBAN	6/6/18	
Received by				
Relinquished by				
Received in lab by			6/6/18	1500

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC?	Yes	No
Samples intact?	Yes	No
Samples properly preserved?	Yes	No
Samples in holding time?	Yes	No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab Comp	HC - HCl HS - H_2SO_4 HN - HNO_3 HP - H_3PO_4 OH - NaOH ST - Sodium Thiosulfate AA - Ascorbic Acid Al - $AlCl_3$ Cu - $CuSO_4$
Matrix AQ - Water SO - Soil / Sludge OT - Other	
Bottle Type P - Plastic G - Amber Glass VOA - 40 ml Vial Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined hereinafter) under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modification to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written Chain of Custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The client's delivery of samples to PCL or invitation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions and/or a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession where applicable. PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL's Standard Operating Procedures (SOPs) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection to the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out of pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided hereunder or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public, or is the public domain or client has title to data PCL for all services rendered or to perform in breach of the agreement), subject to any court mandate required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such data where such standard of care observed. PCL reports and information provided hereunder are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other innovations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and expenses and costs including, but not limited to all court fees (litigation), expenses and awards arising in favor of Client or any third party as a result of, and/or in any way resulting, incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials; 1. injury, disease or death of persons 2. loss of, damage to, loss of, or loss of use of property and/or 3. financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages or liabilities caused solely by the gross negligence or willful misconduct of PCL or its employees. To that this indemnity shall not be legally valid, to the fullest extent permitted under applicable law, in no event shall PCL be liable to client for any special, punitive, exemplary or consequential damages (including without limitation, loss of profit or business interruption), litigation expenses or attorney fees (including, without limitation, attorney's fees, court costs, and, or pre or post judgment interest), or any other expenses or cost incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement, even if client or the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, pollutant mixed chemicals, bacteria or any other hazardous or toxic materials, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as directed by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for and/or bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of execution on the date the services were ordered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when invoice is completed is required for all new clients or where a history of payment and/or credit account has not been established with PCL. For those clients with an established credit account, the terms for payment of charges are net CASH within thirty (30) days from date of invoice. To the fullest extent permitted by at all by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedures or efforts.

13. Agreement Modification

Changes, modifications or amendments to the Terms shall be effective only in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is acting, whether hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants and agrees that said data, information and reports are not tendered, or shall be used or relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any security, any sample or offer reporting to the holders of any security, the sale, assignment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 2pm on weekdays without prior modification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. Lists of holding times can be provided by the client if requested. All analytes with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 7-7 days, samples must arrive at the lab within 24 hours before separation to ensure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered the same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM LABORATORIES
QUALITY ANALYTICAL SERVICES SINCE 1987
1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

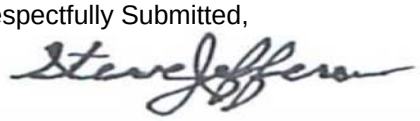
Attention: Ric Vardel
Report Date: 13-Jun-18 15:26
Subject: (MCC) Weekly INF

Project/P.O.#: (MCC) Weekly INF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
INF (Sample I.D.# : 18F0128-01) Collected: 06-Jun-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AF80713	2	12-Jun-18 (SGS)	154 mg/l	
Total Suspended Solids	SM 2540D	AF80808	1	08-Jun-18 (SGS)	180 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 6/13/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18F0128

Customer: IPC, Inc.		Project: (MCC) Weekly INF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
INF	06/06/18	1135	1	TSS	Grab	AQ	1L P	4°C	
"	"	"	1	BOD	Grab	AQ	1L P	4°C	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	06/06/18	
Received by		Robert Keen	6/6/18	
Relinquished by		MARIO SANTESTEBAN	6/6/18	
Received by				
Relinquished by				
Received in lab by			6/6/18	1520

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	HC - HCl
Comp	HS - H_2SO_4
Matrix	HN - HNO_3
AQ - Water	HP - H_3PO_4
SO -Soil / Sludge	OH - NaOH
OT - Other	ST - Sodium Thiosulfate
Bottle Type	AA - Ascorbic Acid
P - Plastic	Al - $AlCl_3$
G - Amber Glass	Cu -$CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these terms and conditions of sale, including the price schedule and any amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its agents, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL)'s standard price schedule, or such documents may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined below) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes (i) an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and (2) an agreement to be bound by these terms and conditions. The client's delivery of samples to PCL or initiation of consulting services constitutes the client's assent to be governed by these terms and conditions. No company or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract notwithstanding acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including preparation of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), U.S. Waterboard (USGS), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the sample(s) or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided hereon, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder, subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the samples will be provided by client or on client's request, and the results obtained by PCL shall be held in confidence (unless such information is publicly available or the public at large or client has failed to pay PCL for all services rendered). Furthermore, in pursuit of the agreement, neither party to any action required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and information to keep confidential Client's disclosure of said data which is identified in writing as confidential. All reports and information provided hereunder are for the exclusive use and benefit of client and client agrees that it shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical know-how, software, programs or other methodologies.

10. Hold Harmless

Client is aware and shall save harmless, defend, and hold PCL, its employees, officers, subcontractors, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages (client, hereinafter "claims") of action, costs and expenses including, but not limited to attorneys fees (the obligation to defend, and assess, arising in favor of client or any third party as a result of, and/or in any way occurring incident to arising out of or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's samples or materials, whether or death of persons or loss of, damage to, or loss of use of property arising as a consequence of any and all of the foregoing unless such damages are caused directly by the gross negligence or willful misconduct of PCL and its employees. Further, this indemnity shall not apply to injury, claims or charges arising out of or in connection with the client's failure to comply with any applicable law. Client agrees that its indemnity obligation will be supported by adequate liability insurance coverage to be furnished to client, with an insurance shall be in the maximum amounts permitted under applicable law. In the event PCL is made a party to any lawsuit, hearing, special proceeding or administrative investigation arising out of or in connection with this agreement or any services performed hereunder by client or any other party to any litigation against or involving PCL or any officer or employee in connection with this agreement or any actions performed under this agreement, except claims of the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, pesticide-related chemicals, bacteria or any other hazardous or toxic-containing wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules. PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any interpretation of administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of retained samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for asbestos bacterial analysis, client will be charged a sample disposal fee per sample unless, that, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of operations on the basis the services were rendered or work progressed and taxes reimposed in writing. The price schedule is subject to change at any time without notice. Payment in advance or cash on delivery is customarily required for all new clients or upon a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of invoices are NET (insert action term) days from date of invoice. To the fullest extent permitted (if at all) by applicable law, any amount owing at the end of thirty (30) days is subject to interest at the rate of the maximum rate permitted by law or one and one-half percent (1.5%) per month, as the case may be. If unpaid amounts are referred to debt legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees of agents for collection and such collection proceedings or claims.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL with the client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is hereby severally hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and client has no third party rights to such data, information or reports. Client represents, warrants and agrees that said data, information and reports are not to be relied upon by, or communicated to, in connection with or regard of, the purchase, sale, underwriting, or distribution of any securities, and that any or other reporting to the holders of any security, the pending, entertainment, renewal, or extension of any loan from any financial institution or other lender or the certification to or participating with or directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after hours on weekdays without prior notification and acceptance, standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. For analyses with holding times of 14 days or less, samples must arrive within 24 hours of when PCL or client is willing unless in short advising a rush surcharge. All short holding times, 3-7 days, samples must arrive at the lab in less than 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered every same day in order to guarantee holding times are met. After hours, late deliveries, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis is report completed. Suitable storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be disposed of at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been included on the fee schedule. It could be time has been allocated for each pick up or service. Unnecessary travel during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

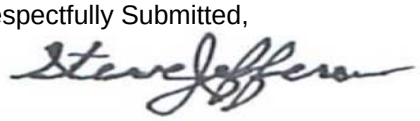
Attention: Ric Vardel
Report Date: 13-Jun-18 14:58
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0146-01) Collected: 07-Jun-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AF80806	2	13-Jun-18 (SGS)	3 mg/l	
pH	SM4500-H-B	AF81121	0.1	07-Jun-18 (SS)	7.6 pH Units	
Residual Chlorine	SM 4500 Cl-G	AF80814	0.05	08-Jun-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AF80711	1.8	09-Jun-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AF80711	1.8	09-Jun-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 6/13/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18F0146

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	06/07/18	1015	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	06/07/18	
Received by		David Farrell PCL	6/7/18	1156
Relinquished by		David Farrell PCL	6/7/18	1330
Received by				
Relinquished by				
Received in lab by			6/7/18	1530

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	**HC** - HCl
Comp	**HS** - H_2SO_4
Matrix	**HN** - HNO_3
AQ - Water	**HP** - H_3PO_4
SO -Soil / Sludge	**OH** - NaOH
OT - Other	**ST** - Sodium Thiosulfate
Bottle Type	**AA** - Ascorbic Acid
P - Plastic	**Al** - $AlCl_3$
G - Amber Glass	**Cu** -$CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any addenda or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consisting of sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services as defined herein only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or in relation of requesting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession where applicable. PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboards (CLIIP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) or the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services rendered hereunder any provision to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence unless such information is generally available to the public or in the public domain or client has filed to pay PCL for all services rendered and incurred in breach of the agreement, subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in safeguarding its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided hereunder are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning technical information, methods, processes or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all costs for the litigation (save harmless and properly acting in favor of client or any third party as a result of, wholly or in any way directly incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement) and/or investigation (whether or not client's fault is proven) of claims, demands, or actions of every kind and character arising out of or in connection with the negligent act or breach of contract by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any remedy which the client might otherwise have at PCL and the other Indemnified Persons. To the extent not barred under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption, litigation expenses or other fees (including, without limitation, attorney's fees, court costs, and fees for pre-and post-judgment interest), or any other expenses of every incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or any services provided under this agreement, even if client or the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples solely for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or radiochemical wastes and substances which are defined, determined or identified as such under federal, state or local laws. PCL believes all regulations (existing now existing or being after enacted or promulgated) or any judicial or administrative interpretation of such shall call the "Hazardous Materials". Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for asbestos bulk material analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Unless agreed by PCL in accordance with PCL's applicable price schedule in effect at the time of acceptance of the order, all services were rendered or will be priced quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or client and credit card is required for all new clients or with a history of payment issues or do not have has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted or at all by applicable law, any amount unpaid at the end of thirty (30) days will bear interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings, or by an attorney, we client shall pay reasonable costs and attorney's fees to agency fees associated with such collection procedure or action.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client's authorized representative. Verbal or subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or test results provided by PCL. Client's consulting services hereunder for its own purposes, and not as agent or broker for any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that such data, information and reports are not requested, or used by client in any way, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or similar lender or the certification to or communicating with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays unless prior modification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. For analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All rush holding times (7 days, samples must arrive at the lab within 24 hours before we attempt to ensure that the holding times can be met. Short holding times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late deliveries, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been stated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

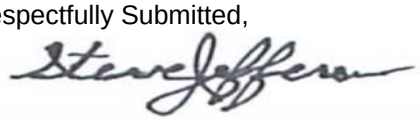
Attention: Ric Vardel
Report Date: 15-Jun-18 15:31
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0170-01) Collected: 08-Jun-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AF81018	2	15-Jun-18 (SGS)	<2 mg/l	
pH	SM4500-H-B	AF81121	0.1	08-Jun-18 (SS)	7.1 pH Units	
Residual Chlorine	SM 4500 Cl-G	AF80921	0.05	09-Jun-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AF80813	1.8	10-Jun-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AF80813	1.8	10-Jun-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 6/15/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18F0170

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine	CA 92618	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	06/08/18	1120	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	
			10	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	06/08/18	
Received by		Evan G (PCL)	6/8/18	1200
Relinquished by		Evan G (PCL)	6/8/18	1300
Received by				
Relinquished by				
Received in lab by		PCL	6/8/18	1600

Sample Received Checklist

Temperature upon receipt: _____

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	HC - HCl
Comp	HS - H_2SO_4
Matrix	HN - HNO_3
AQ - Water	HP - H_3PO_4
SO - Soil / Sludge	OH - NaOH
OT - Other	ST - Sodium Thiosulfate
Bottle Type	AA - Ascorbic Acid
P - Plastic	Al - $AlCl_3$
G - Amber Glass	Cu - $CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The client may order services by submitting a written (hard or electronic (COC)) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the Client's express agreement to be governed by these terms and conditions. No preprinted or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of accountability in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (CLAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL's Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for assisting PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or in the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided shall be for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client without disclose to any third party any information concerning method information, software, processes or other technologies.

10. Hold Harmless

Client releases, and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all claims, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees, the Litigation Expenses and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials; 1. injury, illness or death of persons 2. loss of, damage to, loss of, access of use of property and/or 3. financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, suits, damages or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any indemnity which the Indemnified Persons would have in PCL and the other Indemnified Persons. To the extent (necessary under applicable law), client agrees that its indemnity obligation will be supported by available liability insurance coverage or be furnished by client, with insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profits or business interruption) (Litigation Expenses or other fees providing, without limitation, attorney's fees, court costs, and/or pre-post judgment interest), or any other expenses to client incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, waste and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples retained by PCL for any lab terminal analysis, client will be charged a sample disposal fee per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operation on the date the services were rendered or with prices mutually and expressly confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or advise analysis is completed is required for all new clients or and a history of payment and/or credit account has been established with PCL. For those clients with established credit accounts, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by law or any applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on late unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the Client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection proceedings or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client's authorized representative. Client may submit requests for additional services may be verbal or in writing.

14. No Third Party Beneficiaries/No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client's consulting services hereunder for its own account, and not as agent or broker, or as a commissioned representative for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third parties may rely on such data, information or reports. Client expressly disclaims, waives, and agrees that no data, information and reports are not rendered for, shall be used to refund upon, in connection with on behalf of, the purchase, sale, underwriting, or administration of any securities, any periodic or other reporting to the holders of any security, the securing, encumbrance, renewal, or extension of any loan from any financial institution or other lender or the syndication to or connecting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for an unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded for quick turnaround samples that are received on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. For analyses with holding times of 24 hours or less, samples must arrive within 36 hours to allow PCL to analyze during others without applying a rush surcharge. For short holding times, i.e. 8 hours, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 8 hours) must be delivered that same day in order to guarantee holding times are met. Weekends, late deliveries, freight company delays or carrier issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are as listed as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Samples held for longer periods is by request only. Freezing and long term storage is subject to an additional charge. Fees will be discerned at the end of the prescribed storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been stated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

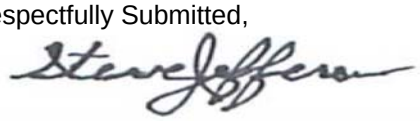
Attention: Ric Vardel
Report Date: 15-Jun-18 15:33
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0187-01) Collected: 09-Jun-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AF81018	2	15-Jun-18 (SGS)	4 mg/l	
pH	SM4500-H-B	AF81121	0.1	09-Jun-18 (SS)	7.0 pH Units	
Residual Chlorine	SM 4500 Cl-G	AF81020	0.05	10-Jun-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AF80922	1.8	11-Jun-18 (EA)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AF80922	1.8	11-Jun-18 (EA)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 6/15/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18F0187

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine	CA 92618	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	06/09/18	1205	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.0
			1	BOD	Grab	AQ	1L P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	06/09/18	1215
Received by	Jose L Gomez	Jose L Gomez	6-9-18	12:25
Relinquished by	Jose L Gomez	Jose L Gomez	6/9/18	1350
Received by				
Relinquished by				
Received in lab by		Alex Walker Jr	6/9/18	1400

Sample Received Checklist

Temperature upon receipt: 4°c

# of bottles agrees with COC?	(Yes) No
Samples intact?	(Yes) No
Samples properly preserved?	(Yes) No
Samples in holding time?	(Yes) No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
(Grab) Comp	HC - HCl
Matrix	HS - H_2SO_4
AQ - Water	HN - HNO_3
SO - Soil / Sludge	HP - H_3PO_4
OT - Other	OH - NaOH
Bottle Type	ST - Sodium Thiosulfate
P - Plastic	AA - Ascorbic Acid
G - Amber Glass	AI - $AlCl_3$
VOA - 40 ml Vial	Cu - $CuSO_4$
(Coli) - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" are to these Terms and Conditions of sale, including the push schedule and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who or who requests laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (or defined services) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may order services by submitting a written (hard of electronic (e.g. e-mail)) request for services to PCL. Any such order constitutes 1) an acceptance by the Client of PCL's offer to do business with the Client under the terms and conditions and 2) an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the Client's request and shall be governed by these terms and conditions. No preprinted or additional terms and conditions appearing on a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this Agreement, "services" shall mean all work to be performed for the client, including written reports and all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the Services in accordance with the normal standards of accomplishment in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), 40 C.F.R. Watershield (STAR), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or circumstances of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or subcontractors to the Client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amounts for said services. Client's execution of a work order and/or proposal releases PCL from any liability in excess of the invoiced amounts for the services, notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample material provided by client or on client's request and the results obtained by PCL shall be held in confidence by PCL. Such information is generally available to the public or in the public domain or client has had to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL maintains the same standard of care it uses to protect its own confidential data and shall not be responsible for unauthorized disclosure of such data which such standard has occurred. PCL accepts and information provided (items) and for the exclusive use and benefit of client and client agrees that shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning methods of testing, software, programs or other technologies.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses, damages, claims, demands, causes of action, fines and costs and expenses including, without limitation, attorneys' fees, litigation expenses and amounts paid in settlement, in favor of Client or any third party as a result of, and/or in any way occurring, incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, injury, illness or death of persons, loss of, damage to, use of, or loss of use of property, or violation of any law, rule or regulation by any person, firm or corporation, except to the extent caused by the gross negligence or willful misconduct of PCL or its employees. Furthermore, Client shall indemnify, defend and hold harmless PCL, its officers, directors, employees, agents, affiliates, subsidiaries, parent company and all other companies under common ownership with PCL against any and all claims, losses, damages, liabilities and expenses (including reasonable attorneys' fees and costs of investigation, litigation, settlement, judgment, interest and penalties) which may be asserted against or incurred by them or any other party as a result of, or arising out of or in connection with, the performance of services by PCL hereunder, except to the extent caused by the gross negligence or willful misconduct of PCL or its employees. Client's indemnification obligations hereunder shall survive the termination of this agreement.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples of materials for analyses such as asbestos, polychlorinated biphenyls, pesticides or any other hazardous or toxic materials, wastes and substances which are defined, determined or governed as such under federal, state or local laws. PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any written or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused composite which contain hazardous materials. PCL reserves the right to charge the client for the disposal of unused samples at actual cost with PCL's current sample disposal policy. In addition, all samples received by PCL for analytical analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of acceptance of the Terms for services rendered or which are accepted, and otherwise specified in writing. The price schedule is subject to change at any time without notice. Payment (notification of advertising is completed) is required for all new clients or until a history of satisfactory credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by law or applicable law, any amount unpaid at the end of thirty (30) days is not subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid amount. If any account is not collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedures or efforts.

13. Agreement Modification

Changes, modifications or amendments to the Terms shall be effective upon receipt and execution by an officer of PCL and/or its authorized representative, except that subsequent orders for additional services may be verbal or written.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of the data, advice, information or reports provided by PCL. Client's consulting services hereunder for the sole support, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on, or otherwise enforce the reports. Client represents, warrants and agrees that no data, interpretations and reports are ever provided, or shall be used or relied upon, by or communicated to any part of the corporate veil, understanding or distribution to any person, firm, entity or other regarding or the holders of any security, the securing, amendment, renewal or extension of any loan from any financial institution or other lender or the certification to or complying with Federal, state or local tax, and governmental agency or department.

15. Rush Analysis

Rush analysis are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered, via messenger or other mail to laboratory subject to any notification or acceptance. Standard holding times and storage conditions should be followed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analytical and holding times of 24 hours or less, samples must arrive within the hours to allow PCL to meet holding times without applying a rush surcharge. All rush holding times for soil, composite and grab at the lab within 24 hours before expiration to ensure that the holding times can be met. Short holding times of 48 hours or less in Pennsylvania environment are observed that some clients require or guarantee holding times are met. After hours, late deliveries, freight companies delays or similar issues are subject to additional rush fees and/or the liability to short holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for a period of thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Prolonged long term storage is subject to an Additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 01-Jul-18 15:51
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0192-01) Collected: 10-Jun-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AF81231	2	17-Jun-18 (LL)	<2 mg/l	
pH	SM4500-H-B	AF81121	0.1	10-Jun-18 (SS)	7.6 pH Units	
Residual Chlorine	SM 4500 Cl-G	AF81123	0.05	11-Jun-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AF81019	1.8	12-Jun-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AF81019	1.8	12-Jun-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 7/1/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18F0192

Customer: IPC, Inc.		Project : (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine	CA 92618	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	06/10/18	1130	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	
			2	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (SPC)	06/10/18	1145
Received by		Jorden Corkery (Patchem)	06/10/18	1255
Relinquished by				
Received by				
Relinquished by				
Received in lab by				

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these terms and conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms does not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. An acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or invitation of consulting services constitutes the Client's express assent to be governed by these terms and conditions. No conditions or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession where applicable, PCL will use laboratories methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) or the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the professional judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided hereon, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client is/ was to pay PCL for all services rendered or is otherwise in breach of the agreement), subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereunder are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, costs and associated expenses including, but not limited to, attorneys fees (the Losses & Expenses) and awards arising in favor of client or any third party as a result of, and/or in any way occurring, incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or implementation, handling or disposal of client's hazardous materials; 1. injury, disease or death of persons 2. actual damage to, loss of, or loss of use of property and/or 3. financial loss of every kind or character. The above indemnification applies to and of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to fines, claims, charges, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any intoxicated Person, whether in action or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruptions, litigation expenses or other fees (including, without limitation, attorney's fees, court costs, and/or pre or post judgement interests, or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or an indemnified person in connection with this agreement or services provided under this agreement, even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or described as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). client unintentionally and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for analysis or preservation analysis, client will be charged a sample disposal fee per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedules in effect in the area of operations on the date the services were rendered or with prices negotiated and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or upon analysis is required for all new clients and clients who have not established credit accounts. The terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by law, any amount unpaid of the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law to one and one-half percent (1.50%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agency fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the Terms shall be effective only in writing and executed by an officer of PCL and by clients authorized representative. Verbal or subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. Client agrees and acknowledges that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall not be relied upon, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed, proof to any samples being received by PCL. A list of holding times will be provided to the client if requested. All analyses with holding times of 24 hours or less, samples must arrive within 36 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times (7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria, 15 minutes) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

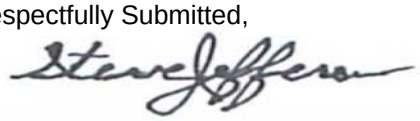
Attention: Ric Vardel
Report Date: 01-Jul-18 15:53
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0205-01) Collected: 11-Jun-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AF81231	2	17-Jun-18 (LL)	<2 mg/l	
pH	SM4500-H-B	AF81232	0.1	12-Jun-18 (SS)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AF81234	0.05	12-Jun-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AF81124	1.8	13-Jun-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AF81124	1.8	13-Jun-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 7/1/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: F8F0205

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Golan Kfir	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field (Lab)
EFF	6/11/18	11:30	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.41
	"	"	1	BOD	Grab	AQ	1L P	4°C	
	"	"	1 2	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by: GK	Golan IPC	6/11/18	
Received by: EC	Golan IPC	6/11/18	1230
Relinquished by: EC	Golan IPC	6.11.18	1400
Received by:			
Relinquished by:			
Received in lab by:		6/11/18	1400

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	**HC** - HCl
Comp	**HS** - H_2SO_4
Matrix	**HN** - HNO_3
AQ - Water	**HP** - H_3PO_4
SO -Soil / Sludge	**OH** - NaOH
OT - Other	**ST** - Sodium Thiosulfate
Bottle Type	**AA** - Ascorbic Acid
P - Plastic	**Al** - $AlCl_3$
G - Amber Glass	**Cu** -$CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any amendments or addendums to which are agreed to in writing. "Client" means the individual or entity who may request laboratory services consisting of sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule, as such document may be amended or released from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by particular a written chain of custody (COC) to PCL. Any such order constitutes (i) an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and (ii) an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No conflicting or additional terms and conditions expressed in a client's document shall be deemed to constitute a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), 24 Watershield (FEAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or components of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOPs) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the clients arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel perform the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancelation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or in the public domain or client has filed to pay PCL for all services rendered or in other ways in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such data when such standard was observed. PCL reports and information provided thereunder is for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning services, information, or fixed programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, suits, or actions, fines and reasonable expenses including, but not limited to attorneys fees, litigation expenses and award costs in favor of client or any third party as a result of, whole or any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement, sample transportation, handling or disposal of client's hazardous materials, or injury, damage, death of persons or property, damage to, loss of, or use of property owned by, and/or in possession of client. The foregoing does not apply to any of the foregoing losses, costs, damages, suits, fines, causes of action, by the gross negligence or willful misconduct of PCL or its employees. Further, PCL is not liable for consequential, special, or indirect damages, claims damages, actions or injury, cost and manufacturing out of error committed and the negligent or the absence of omission by any unidentified person, whether active or present, in the performance of services under this agreement. The foregoing notwithstanding will have a defense to any claims which the client might otherwise have as PCL and its other indemnified persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, with insurance coverage to be maintained within applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption (regardless of whether PCL was advised of the possibility of such losses, expenses or costs) incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls (pcb's) or any other hazardous or toxic material, wastes and substances which are defined, determined or designated as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any lab potential analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit acceptance has been established with PCL. For local clients with an established credit account, the terms for payment of charges are NET CASH within forty (30) days from date of invoice. To the fullest extent permitted (if at all) by applicable law, any amounts unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate provided by law or one and one-half percent (1.5%) per month on the unpaid balance. If unpaid amounts are referred through legal proceedings or to an attorney, the client shall pay reasonable costs and Attorney's fees or agents' fees associated with such collection procedures or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and persons authorized representatives, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is acting as an independent contractor for its own account, and not as agent or broker for any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that test data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of the purchase, sale, underwriting, or distribution of any investment, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the participation in or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded by reason of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be ordered prior to any samples being received by PCL. Acids of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 36 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before evaluation to ensure that the holding times can be met. Short Holding Times of 48 hours or less (Nutrients & Nitrate) must be delivered that same day in order to guarantee holding times are met. Other factors, late delivery, freight company delays or digital issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

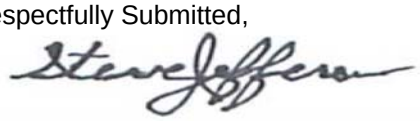
Attention: Ric Vardel
Report Date: 01-Jul-18 15:56
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0233-01) Collected: 12-Jun-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AF81330	2	18-Jun-18 (EA)	11 mg/l	
pH	SM4500-H-B	AF81338	0.1	12-Jun-18 (SS)	7.3 pH Units	
Residual Chlorine	SM 4500 Cl-G	AF81328	0.05	13-Jun-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AF81236	1.8	14-Jun-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AF81236	1.8	14-Jun-18 (PL)	2.0 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 7/1/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18F0233

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field (Lab)
EFF	06/12/18	11:15	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.3 24.7°C
			1	BOD	Grab	AQ	1L P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (3PC)	06/12/18	
Received by		C. Tatum	6/12/18	1230
Relinquished by				
Received by				
Relinquished by		C. Tatum pcl	6/12/18	1430
Received in lab by			6/12/18	1430

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type: ~~Grab~~ Comp

Matrix: AQ - Water; ~~SO - Soil / Sludge~~; OT - Other

Bottle Type: P - Plastic; ~~G - Amber Glass~~; VOA - 40 ml Vial; Coli - bacteria

Preservations: HC - HCl; HS - H_2SO_4; HN - HNO_3; HP - H_3PO_4; OH - NaOH; ST - Sodium Thiosulfate; AA - Ascorbic Acid; Al - $AlCl_3$; Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" refers to these terms and conditions of sale, including the price schedule, and any additions or amendments thereto which are agreed to in writing. "Client" means the individual or entity who or which requests laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or released from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "Services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession where applicable. PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), U.S. Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or subcontractors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

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6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

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9. Confidentiality

Data and the sample material provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereon are for the exclusive use and benefit of Client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software, programs or other installations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all Liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees, the litigation's expenses and penalties arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, condition or disposal of regulated materials, a) bodily injury or death of persons 2. sickness, damage to, illness, or loss of use of property, and 3. personal loss of every kind of character. The indemnity does not apply to any of the foregoing losses, claims, damages, or liabilities caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to client's claims, damages, actions of every kind and character arising out of or in connection with the negligence (sole or concurrent) caused by any indemnified Person, whether active or alleged, in the performance of this agreement (the agreement). The foregoing indemnities will be in addition to any rights to which the client might otherwise have in PCL and the other indemnified Persons. To the extent not limited under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption, Litigation Expenses or other loss (including, without limitation, attorney's fees, court costs, and fair pre or post judgment interest)), or any other expenses or costs incurred by client or any other party to any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement, even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide, and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or described as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof) the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will return to all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any lab tests/analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

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13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is entering services hereunder for its own account, as such or agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not to solicited, or shall be used or relied upon, in connection with the issuance of the purchase, sale, underwriting, or distribution of any securities, the periodic or other reporting to the holders of any securities, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are expired because of samples that are delivered on weekends or after 3pm for analysis without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analysis with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All tests holding times of 7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short holding times of 48 hours or less shortened 5-9 hours must be delivered that same day in order to guarantee holding times are met. After hours, late deliveries, weekend deliveries or special drivers are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of our fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

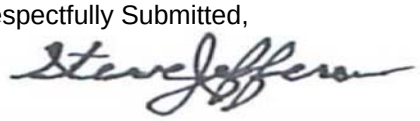
Attention: Ric Vardel
Report Date: 01-Jul-18 15:58
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0272-01) Collected: 13-Jun-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AF81409	2	19-Jun-18 (EA)	13 mg/l	
pH	SM4500-H-B	AF81413	0.1	13-Jun-18 (SS)	7.3 pH Units	
Residual Chlorine	SM 4500 Cl-G	AF81411	0.05	14-Jun-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AF81340	1.8	15-Jun-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AF81340	1.8	15-Jun-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 7/1/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18P0272

Customer: IPC, Inc.		**Project :** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** Golan Kfir	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserv.	Field Data (pH / Temperature) pH: Field Lab
EFF	6/13/18	10:15	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.3
	~	~	1	BOD	Grab	AQ	1L P	4°C	
	~	~	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

Signature	Print Name (Company)	Date	Time
Relinquished by: GK	Golan IPC	6/13/18	
Received by: C.Tatum	C.Tatum PCL	6/13/18	
Relinquished by:			
Received by:			
Relinquished by: C.Tatum	C.Tatum	6/13/18	1530
Received in lab by:		6/13/18	16 30

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC? Yes No
Samples intact? Yes No
Samples properly preserved? Yes No
Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who has requested laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor to be hired for all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined hereinafter) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), 40 Waterboard (ESAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or advisable are due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for such services. Client's acceptance of a work order will for purposes release PCL from any liability in excess of the invoiced amount for the services outstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the private materials provided by/owned of all client's request and the results obtained by PCL shall be held in confidence unless such information is generally available to the public or in the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided hereunder are for the exclusive use and benefit of Client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, data or programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to, all court fees (the judgments, combined and awards) arising in favor of Client or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials: 1. losses, disease or death of persons 2. loss of, damage to, loss of, or loss of use of property and/or 3. fines and acts of every kind of character. This indemnity does not apply to any of the foregoing losses, suits, damages, obligations valued solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to fines, claims or regulatory actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnity is in addition to and not in lieu of any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption, litigation expenses or attorneys fees (including, without limitation, attorney's fees, court costs, and fees are at post judgment interest), or any other expenses or costs incurred by client or any third party in any litigation against or involving PCL or any interested person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analytes such as asbestos, potentially mixed solvents, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for asbestos analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of contract or on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment satisfactory to us has been established with PCL. For clients credit with an established credit account, the terms for payment of invoices are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only if in writing and executed by an officer of PCL and by Client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is serving services hereunder for its own account, and not as agent to broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to refund upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 2pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are to affect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 01-Jul-18 16:07
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0292-01) Collected: 14-Jun-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AF81508	2	20-Jun-18 (SGS)	<2 mg/l	
pH	SM4500-H-B	AF81938	0.1	14-Jun-18 (SS)	7.3 pH Units	
Residual Chlorine	SM 4500 Cl-G	AF81504	0.05	15-Jun-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AF81414	1.8	16-Jun-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AF81414	1.8	16-Jun-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 7/1/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 180292

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Golan Kfir	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field (Lab)
EFF	6/14/18	12:20	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.3
	"	"	1	BOD	Grab	AQ	1L P	4°C	
	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by: GK	Golan, IPC	6/14/18	
Received by: C Taylor	C. Taylor PCL	6/14/18	1220
Relinquished by: C Taylor	C. Taylor PCL	6/14/18	1450
Received by:			
Relinquished by:			
Received in lab by:		6/14/18	1450

Sample Received Checklist 4°C

Temperature upon receipt: _____

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu -$CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any addenda or amendments thereto which are agreed to in writing. "Client" means the individual or entity who shall request laboratory services, including or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means the Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following Client Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No qualifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The client may order services by submitting a written work order (WO) to PCL. Any such written communication is an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and is an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or acceptance of consulting services shall be deemed acceptance of these Terms and Conditions.

The Client's delivery of samples to PCL or acceptance of consulting services shall be deemed acceptance of these Terms and Conditions. No additional or additional terms and conditions contained in a client's document shall be deemed to become a part of this contract unless upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession where applicable. PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or circumstances of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or subcontractors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform its services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and test results made available by PCL to Client at Client's request and the results obtained by PCL shall be held in confidence unless such information is generally available to the public or is the public domain or Client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement, subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data when such standard has been met. PCL reports and information provided hereunder are for the exclusive use and benefit of Client and may not be relied upon by third parties or used in connection with boilerplate information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and costs and expenses including, but not limited to, attorneys' fees (the "Losses") incurred and awarded following defense of Client or any third party as a result of, and/or in any way connected with the performance of services by PCL pursuant to this agreement and/or transportation, delivery or disposal of samples hereunder. Without limiting the generality of the foregoing, Client shall indemnify PCL for Losses resulting from any claim, damage, fine, penalty or action of any governmental or regulatory agency, or any and all Losses or property and/or personal loss of every kind and character. This indemnification shall apply to any of the foregoing losses which, directly or indirectly, arise from or relate to the negligence or breach of contract by any indemnified Person, whether active or passive, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the fullest extent permitted under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which coverage shall specifically name PCL and its employees, officers, directors and agents as additional insureds. In the event client fails to meet its indemnity obligation, PCL shall be entitled to collect its reasonable attorneys' fees, costs and expenses (including, without limitation, attorney's fees, court costs and costs of appeal, judgement enforcement or any other action) incurred in connection with this agreement and any action commenced under this agreement and, in addition, the prevailing party

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls (PCBs), bacteria or any other hazardous or toxic material, chemicals and substances which are defined, determined or described as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples or specimens by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge a reasonable fee for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for analytical analysis client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of service or on the date the services were rendered or with prices agreed upon and confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or after analysis is completed is required for all new clients or upon a history of delayed payments or non-payment with PCL. For those clients with an established credit account, the terms for payment of charges are NET (date of invoice) thirty (30) days from date of invoice. To the fullest extent permitted by law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law and one and one half percent (1.5%) per month on the invoiced balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay to PCL the costs and attorney's fees so spent, plus interest at the rate of one and one half percent (1.5%) per month on the invoiced balance.

13. Agreement Modification

Changes, modifications or amendments to the Terms shall be effective only in writing and executed by an officer of PCL. PCL's clerks, technical representatives, service and salespersons are not authorized to make changes to the Terms. Additional and supplemental orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports prepared by PCL. Client is solely responsible for its own analysis and reliance thereon. In no event shall any representations made by any other person or entity be agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not published, or shall be made available, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities. Any exception to the foregoing or any reporting of the results of any test to the servicing underwriter, counsel, or attorney of any loan from any financial institution or other lender in the participation in or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analysis are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the regular price will apply.

16. Holding Times

PCL assumes no responsibility for holding times that are exceeded because of samples that are received or are received after 3pm on weekdays and/or after notification and on receipt. Standard holding times and storage conditions should be reviewed prior to the sampling having performed by PCL. A list of holding times can be provided to the client as requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a Rush surcharge. All short holding times 2-7 days, samples must arrive at the lab within 24 hours before expiration to allow for the holding times to be met. Short Holding Times of 48 hours or less (bacteria or tests) must be delivered the same day in order to guarantee holding times are met. After hours, late deliveries, weather conditions or similar issues are subject to additional surcharges and/or the inability to meet holding times. All holding times are in effect at time of publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by special only. Prearranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been listed on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be subject to an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 01-Jul-18 16:10
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0317-01) Collected: 15-Jun-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AF81508	2	20-Jun-18 (SGS)	2 mg/l	
pH	SM4500-H-B	AF81938	0.1	15-Jun-18 (SS)	7.2 pH Units	
Residual Chlorine	SM 4500 Cl-G	AF81504	0.05	15-Jun-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AF81513	1.8	17-Jun-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AF81513	1.8	17-Jun-18 (JC)	2.0 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 7/1/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18P0317

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine	CA 92618	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	05/17/18	1000	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (SCE)	06/15/18	
Received by		Carla	6/15/18	1310
Relinquished by				
Received by				
Relinquished by				
Received in lab by			6-15-18	1610

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? (Yes) No

Samples intact? (Yes) No

Samples properly preserved? (Yes) No

Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
(Grab) Comp	HC - HCl
Matrix	HS - H_2SO_4
(AQ) - Water	HN - HNO_3
SO -Soil / Sludge	HP - H_3PO_4
OT - Other	OH - NaOH
Bottle Type	ST - Sodium Thiosulfate
(P) - Plastic	AA - Ascorbic Acid
G - Amber Glass	AI - $AlCl_3$
VOA - 40 ml Vial	Cu - $CuSO_4$
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additional amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the Client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or invitation of consulting services constitutes the Client's assent to be governed by these terms and conditions. No portion of additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviation, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided hereon, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for assuring PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or to the public domain or client has told to pay PCL for all services rendered or is otherwise in breach of this agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for inadvertent disclosure of said data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client's agents and there shall be no third party beneficiaries to such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and reasonable expenses including, but not limited to all costs from (the negligence) asserted and/or arising in favor of Client or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials: 1. injury, disease or death of persons; 2. loss of, damage to, loss of, or loss of use of property and/or 3. business loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages, or expenses caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity does not specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence of personal injuries by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the Client might otherwise have to PCL and the other Indemnified Persons. To the extent such liability applies, client agrees that its indemnity obligation will be supported by adequate liability insurance coverage to be furnished by client, with limits not less than the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption, litigation expenses or other fees (including, without limitation, attorney's fees, court costs, and/or pre or post judgment interest), or any other expenses of costs incurred by client or any other party in any litigation against or involving PCL in any indemnified parties in connection with this agreement or all services rendered under this agreement even if client or the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for asbestos analysis, client will be charged a sample disposal fee per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance of when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET cash within thirty (30) days from date of invoice, to the fullest extent permitted by law and applicable law, any amount unpaid at the end of the thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees, agency fees associated with such collection proceedings or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by clients with proper authority. Verbal or telephonic orders for additional services may be accepted in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client is retaining services hereunder for its own account, and not as agent for, nor on account of any other representative capacity for any officer, director or client. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party shall rely upon data, information or reports. Client represents, warrants and agrees that said data, information and reports are not rendered, or to be used to refer to, in connection with or in support of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amortization, renewal, extension of any loan from any financial institution or other lender or the certification to or consultation with directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any subsequent reason, the rush turnaround time cannot be met, the regular price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 5pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. For analytes with holding times of 24 hours or less, samples must be received within 36 hours to allow PCL to meet holding times without incurring a rush surcharge. All short holding time analyses, 7 days, samples should arrive at the lab within 5 days. Before experiments to ensure that the holding times are met. Short Holding Times of 48 hours or less must arrive by 3 hours must be delivered the same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of our fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage beyond this period is subject to client request. Extended long term storage is subject to an additional charge. Samples will be disposed of at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been quoted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 01-Jul-18 15:43
Subject: (MCC) Weekly EFF

Project/P.O.#: (MCC) Weekly EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0319-01) Collected: 15-Jun-18 By IPC						
Ammonia as N	EPA 350.1	AF81818	0.10	18-Jun-18 (SGS)	<0.10 mg/l	
Nitrate as N	EPA 353.2	AF81505	0.20	15-Jun-18 (LA)	2.39 mg/l	
Nitrite as N	EPA 353.2	AF81505	0.02	15-Jun-18 (LA)	<0.02 mg/l	
Total Kjeldahl Nitrogen	EPA 351.2	AF81824	0.10	19-Jun-18 (LA)	0.94 mg/l	
Total Suspended Solids	SM 2540D	AF81820	1	18-Jun-18 (EA)	<1 mg/l	

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 7/1/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18P0317

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine	CA 92618	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	05/17/18	1000	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
			1	BOD	Grab	AQ	1L P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (SCE)	06/15/18	
Received by		Carla	6/15/18	1310
Relinquished by				
Received by				
Relinquished by				
Received in lab by			6-15-18	1610

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? (Yes) No

Samples intact? (Yes) No

Samples properly preserved? (Yes) No

Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
(Grab) Comp	HC - HCl
Matrix	HS - H_2SO_4
(AQ) - Water	HN - HNO_3
SO -Soil / Sludge	HP - H_3PO_4
OT - Other	OH - NaOH
Bottle Type	ST - Sodium Thiosulfate
(P) - Plastic	AA - Ascorbic Acid
G - Amber Glass	AI - $AlCl_3$
VOA - 40 ml Vial	Cu - $CuSO_4$
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additional amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the Client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or invitation of consulting services constitutes the Client's assent to be governed by these terms and conditions. No portion of additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviation, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided hereon, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for assuring PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or to the public domain or client has told to pay PCL for all services rendered or is otherwise in breach of this agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for inadvertent disclosure of said data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client's agents and there shall be no third party beneficiaries to such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and reasonable expenses including, but not limited to all costs from (the negligence) asserted and/or arising in favor of Client or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials: 1. injury, disease or death of persons; 2. loss of, damage to, loss of, or loss of use of property and/or 3. business loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages, or expenses caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity does not specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence of personal injuries by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the Client might otherwise have to PCL and the other Indemnified Persons. To the extent such liability applies, client agrees that its indemnity obligation will be supported by adequate liability insurance coverage to be furnished by client, with limits not less than the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption, litigation expenses or other fees (including, without limitation, attorney's fees, court costs, and/or pre or post judgment interest), or any other expenses of costs incurred by client or any other party in any litigation against or involving PCL in any indemnified parties in connection with this agreement or all services rendered under this agreement even if client or the prevailing party.

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15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any subsequent reason, the rush turnaround time cannot be met, the regular price will apply.

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All pick up/sampling fees have been quoted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

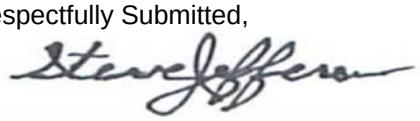
Attention: Ric Vardel
Report Date: 01-Jul-18 15:24
Subject: (MCC) Weekly INF

Project/P.O.#: (MCC) Weekly INF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
INF (Sample I.D.# : 18F0320-01) Collected: 15-Jun-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AF81508	2	20-Jun-18 (SGS)	994 mg/l	
Total Suspended Solids	SM 2540D	AF81820	1	18-Jun-18 (EA)	824 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 7/1/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18F0320

Customer: IPC, Inc.		**Project :** (MCC) Weekly INF	
Address: 9297 Research Drive		**Sampled by:** Golan Kfir	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
INF	6/15/18	11:50	1	TSS	Grab	AQ	1L P	4°C	
	"	"	1	BOD	Grab	AQ	1L P	4°C	
Geotracker EDD:									
Logcode: !PCI Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	Golan (IPC)	6/15/18	
Received by		6/15/18	1310
Relinquished by		6/16/18	1310
Received by			
Relinquished by			
Received in lab by		6-15-18	1620

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

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1. Definitions

"Terms and Conditions" means these Terms and Conditions of Sale, including the price schedule, and any amendments or addendums hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

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For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

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10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and expenses (including, but not limited to, attorneys' fees, court or litigation expenses and amounts paid in favor of client or any third party as a result of, and/or in any way resulting from) incurring, due to, or in connection with the performance of services by PCL pursuant to this agreement and/or from operations, handling or disposal of client's hazardous materials. This release of claims of persons 2. loss of, damage to, loss of, or loss in use of property, and/or 3. fines or loss of every kind of character. This indemnification applies to any of the foregoing suits, costs, damages, or judgments caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether active or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might have to PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligations will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, consequential, or exemplary damages (including, without limitation, loss of profit or business interruption, Litigation Expenses or attorneys fees (including, without limitation, attorney's fees, court costs, and fees paid to post judgment referees), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or as provided or provided under this agreement even if client or the previously said.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples material for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic materials, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (as either now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL is the client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify it's preferred method of disposal, PCL will return to the client all unused samples, which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples delivered to PCL for asbestos analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of commencement of the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or client analysis completed is required for all new clients or until a history of payment and/or credit accounts has been established with PCL. For those clients with a established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoice, to the fullest extent permitted by law and applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees, agents' fees associated with such collection proceedings or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by clients authorized representative. Verbal or subsequent orders for additional services may be confirmed in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client is placing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not to be used, or shall not be used to solicit orders, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any prospectus or other reporting to the investing public, any renewal or extension of any loan from any financial institution or other lender or the certification to or contracting with agencies or individuals, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times due to unintended receipt of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must be received within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times are met. Short Holding Times of 48 hours or less (such as a 24 hour) must be delivered the same day in order to guarantee holding times are met. After hours, late deliveries, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of the fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Any arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 01-Jul-18 16:13
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0333-01) Collected: 16-Jun-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AF81718	2	22-Jun-18 (SGS)	<2 mg/l	
pH	SM4500-H-B	AF81938	0.1	16-Jun-18 (SS)	7.3 pH Units	
Residual Chlorine	SM 4500 Cl-G	AF81826	0.05	16-Jun-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AF81631	1.8	20-Jun-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AF81631	1.8	20-Jun-18 (PL)	2.0 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 7/1/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1870333

Customer: IPC, Inc.		**Project:** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** JULIO LEAL	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	06/16/18	09:30	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
	/	/	1	BOD	Grab	AQ	1L P	4°C	
	/	/	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	JULIO LEAL	6-16-18	
Received by			
Relinquished by Jose L Gomez	JOSE L GOMEZ	6-16-18	11:30
Received by			
Relinquished by			
Received in lab by	PIL	6/16/18	1540

Sample Received Checklist 4

Temperature upon receipt: _____

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
~~Grab~~
Comp

Matrix
~~AQ~~ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
~~P~~ - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu -$CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any addenda or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined below) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by those terms and conditions. The client's delivery of samples to PCL or invitation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies (if necessary or appropriate due to the nature or conditions of the samples or otherwise) based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for allowing PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or in the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided shall be for the exclusive use and benefit of client and only agreed there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees, fine, litigation expenses and awards arising in favor of client or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. Injury, illness or death of persons 2. loss of, damage to, misuse of, or use of property and/or 3. Financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence or breach of contract by any Indemnified Person, whether active or passive, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other Indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) whatever (however or when) arising (including, without limitation, attorney's fees, court costs, and all pre-and post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement, even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request, shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's EA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all terminal analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of commencement of the date the services were rendered or with prices subsequently confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or advance analysis is completed is required for all new clients or upon a history of payment and/or credit exceptions have been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoice, to the fullest extent permitted by all applicable law, any amounts unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, client shall pay reasonable costs and attorney's fees, agents' fees associated with such collection proceedings or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective upon signed and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is retaining services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that such data, information and reports are not requested or shall not be used to relied upon, in connection and/or as part of the purchase, sale, underwriting, syndication of any securities, any lender or other reporting to the holders of any security, the issuing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analysis are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are reviewed because of samples that are delivered on weekends or other days on which it is without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times will be provided to the client if requested. All analyses with holding times of 72 hours or less, samples must arrive within 36 hours (to allow PCL to meet holding times without applying a rush surcharge. All short holding times (2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times are met. Short Holding Times of 48 hours or less (factoring in hours must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been included on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed as additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 01-Jul-18 16:16
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0334-01) Collected: 17-Jun-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AF81718	2	22-Jun-18 (SGS)	<2 mg/l	
pH	SM4500-H-B	AF81938	0.1	17-Jun-18 (SS)	7.4 pH Units	
Residual Chlorine	SM 4500 Cl-G	AF81826	0.05	17-Jun-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AF81719	1.8	19-Jun-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AF81719	1.8	19-Jun-18 (PL)	2.0 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 7/1/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1850334

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: JUCID LEAL	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserv	Field Data (pH / Temperature) pH: Field Lab
EFF	06-17-18	08:30	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
	"	"	1	BOD	Grab	AQ	1L P	4°C	
	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

Signature	Print Name (Company)	Date	Time
Relinquished by	JUCID LEAL	6-17-18	
Received by	Jordan Corkery	6/17/18	1130
Relinquished by			
Received by			
Relinquished by			
Received in lab by		6/17/18	1610

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	HC - HCl
Comp	HS - H_2SO_4
Matrix	HN - HNO_3
AQ - Water	HP - H_3PO_4
SO - Soil / Sludge	OH - NaOH
OT - Other	ST - Sodium Thiosulfate
Bottle Type	AA - Ascorbic Acid
P - Plastic	AI - $AlCl_3$
G - Amber Glass	Cu - $CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat Chem Laboratories (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract, except upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), 14 Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request, and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or to the public domain or client has filed to pay PCL for 30 services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous material(s), 1. injury, disease or death of persons 2. Loss of, damage to, loss of, or loss of use of property and or 3. Financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, actions of every kind and character arising out of or in connection with the negligence (if or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, Client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption). Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and fees pre or post-judgment interest), or any other expenses of costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and shall upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of invoices are NET CASH within thirty (30) days from date of invoice. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of the thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees, agencies fees associated with such collection process and/or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by clients authorized representative. Except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any indenture, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times will be met. Short Holding Times of 48 hours or less (such as 24 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been instated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 01-Jul-18 16:19
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0354-01) Collected: 18-Jun-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AF81932	2	24-Jun-18 (VL)	<2 mg/l	
pH	SM4500-H-B	AF81938	0.1	18-Jun-18 (SS)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AF81826	0.05	18-Jun-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AF81823	1.8	21-Jun-18 (EA)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AF81823	1.8	21-Jun-18 (EA)	1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 7/1/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1810354

Customer: IPC, Inc.		**Project:** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** Golan Kfir	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field (Lab)
EFF	6/18/18	11:25	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.5 24.9°C
	"	"	1	BOD	Grab	AQ	1L P	4°C	
	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD: Logcode: IPCI Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by GK	Golan IPC	6/18/18	
Received by C.Tatum	C.Tatum PCL	6/18/18	1110
Relinquished by			
Received by			
Relinquished by C.Tatum	C.Tatum PCL	6/18/18	1435
Received in lab by		6/18/18	1435

Sample Received Checklist

Temperature upon receipt: 4°C
# of bottles agrees with COC? (Yes) No
Samples intact? (Yes) No
Samples properly preserved? (Yes) No
Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____
Final Flow _____

Sample Type
(Grab)
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of Sale, including the price schedule and any amendments or addenda to such terms which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule or such documents may be amended or removed from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client have executed a separate agreement in writing which governs and supersedes the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes an acceptance by the Client of PCL's offer to do business with the Client under the terms and conditions and 2) an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the Client's assent to be governed by these terms and conditions. No conflicting or additional terms and conditions expressed in a Client's document shall be deemed to become a part of the contract unless PCL does acceptance of the terms and conditions.

For purposes of this agreement, "Services" shall mean all work to be performed for the Client, including preparation of all documents and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the general standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are substantially conformity with the U.S. Environmental Protection Agency (EPA), the Interagency Board (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater, and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL standard operating procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amounts for said services. Client's acceptance of a work order and/or subsequent release PCL from any liability in excess of the invoiced amounts for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the collection which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is publicly available to the public or in the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement), subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for inadvertent disclosure of said data where such standard was observed. PCL reports and information in graphical forms are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports. Data or information provided will not disclose to any third party any information considered technical information such as, software processes or lab or formulations.

10. Hold Harmless

Client to defend and hold harmless, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and costs and expenses including, but not limited to, attorneys fees, litigation costs and penalties arising in favor of client or any third party as a result of, actions in any way resulting, incidents, arising out of, in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's samples or materials, or injury, illness or death of persons, loss of, damage to, loss of use of or destruction of property and loss of profits of every kind of character. This indemnity does not apply to any of the foregoing losses, damages, or liabilities caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity does not apply to and/or relieve, client's agents, servants or employees of every kind and character arising out of or connected with the negligence or misconduct of said by any individual, person, or entity acting on behalf of client in the performance of services under this agreement. The foregoing indemnities will be in addition to any remedy which the client might otherwise have in PCL and the same shall survive the expiration or termination of this agreement. Client shall maintain adequate insurance coverage to be furnished to client, which coverage shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profits or business interruption) regardless of whether such damages were foreseeable and whether PCL was advised of the possibility of such damages, and PCL's liability for any breach of this agreement or for any claim arising out of or relating to this agreement or the services provided under this agreement, even if PCL is negligent, shall be limited to the amount paid by client to PCL for the services provided.

11. Hazardous Substances

For PCL to perform the tests as requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for asbestos material analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of consideration on the date the services were conducted or as the prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or other payment is considered required for all new clients or client's lacking of account and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET (30) within thirty (30) days from date of invoice. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days shall bear interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balance. If payment amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agency fees associated with collecting such unpaid amounts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only if in writing and executed by an officer of PCL and Client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is ordering services hereunder for its own account, and not as agent or broker, or any other representative capacity for any other person or party. Client and each acknowledge that there are no third party beneficiaries to this agreement, and that no third parties may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not to be provided or shall be used to relied upon in connection with or as part of the purchase, sale, underwriting, or distribution of any securities. Any conditions or other reporting to the holders of any notes, while securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or compliance with statutes or ordinances, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. For analytes with holding times of 14 days or less, samples must arrive within 24 hours to allow PCL to meet holding times without applying a rush surcharge. For short holding times (i.e. 7 days), samples must arrive at the lab within 24 hours in order to have adequate time to meet the holding times (or even short holding times of 48 hours or less (bacteria) is found, must be collected such that it arrives prior to a weekend holding time). After hours, late deliveries, freight company delays, or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Prearranged long term storage is subject to an additional charge. Charges will be discussed at the time of the request and charge time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been added to the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 02-Jul-18 17:45
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0406-01) Collected: 19-Jun-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AF82019	2	25-Jun-18 (SGS)	<2 mg/l	
pH	SM4500-H-B	AG80234	0.1	19-Jun-18 (SS)	7.2 pH Units	
Residual Chlorine	SM 4500 Cl-G	AF82027	0.05	20-Jun-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AF81940	1.8	22-Jun-18 (EA)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AF81940	1.8	22-Jun-18 (EA)	2.0 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 7/2/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18f0406

Customer: IPC, Inc.
Address: 9297 Research Drive
Irvine CA 92618

Project: (MCC) Daily EFF
Sampled by: Carlos Alvarez
Report Attention: Ric Vardel / Golan Kfir
P.O. #:
Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserv.	Field Data (pH / Temperature) pH: Field Lab
EFF	06/19/18	0930	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
"	"	"	1	BOD	Grab	AQ	1L P	4°C	
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	06/19/18	
Received by		David Lara PCL	6/19/18	1518
Relinquished by		David Lara PCL	6/19/18	1627
Received by				
Relinquished by				
Received in lab by		PCL	6-19-18	1700

Sample Received Checklist

Temperature upon receipt: 4
# of bottles agrees with COC? Yes No
Samples intact? Yes No
Samples properly preserved? Yes No
Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____
Final Flow _____

Sample Type	Preservations
Grab Comp	HC - HCl HS - H_2SO_4 HN - HNO_3 HP - H_3PO_4 OH - NaOH ST - Sodium Thiosulfate AA - Ascorbic Acid Al - $AlCl_3$ Cu - $CuSO_4$
Matrix AQ - Water SO - Soil / Sludge OT - Other	
Bottle Type P - Plastic G - Amber Glass VOA - 40 ml Vial Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

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PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), 40 WatersGard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL's standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client is filed to pay PCL for all services rendered or in connection in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of and data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of Client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not Limited to all court fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. Injury, disease or death of persons 2. Loss of, damage to, loss of, or less of use of property and or 3. Financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence in or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption. Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post-judgement interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of operations or the date the services were rendered or with prices quoted and rates confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required NET all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees, or agents' fees associated with such collection procedures or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective on in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used or relied upon, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 3-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 02-Jul-18 17:47
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0424-01) Collected: 20-Jun-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AF82108	2	26-Jun-18 (EA)	7 mg/l	
pH	SM4500-H-B	AG80234	0.1	20-Jun-18 (SS)	7.3 pH Units	
Residual Chlorine	SM 4500 Cl-G	AF82115	0.05	21-Jun-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AF82023	1.8	22-Jun-18 (EA)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AF82023	1.8	22-Jun-18 (EA)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 7/2/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18F0425

Customer: IPC, Inc.		**Project :** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** Golan Kfir	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserv.	Field Data (pH / Temperature) pH: Field Lab
EFF	6/20/18	13:00	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
	"	"	1	BOD	Grab	AQ	1L P	4°C	
	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

Signature	Print Name (Company)	Date	Time
Relinquished by GK	Golan IPC	6/20/18	
Received by [illegible]	David Lum PCL	6/20/18	1657
Relinquished by [illegible]	David Lum PCL	6/20/18	1615
Received by			
Relinquished by			
Received in lab by	IL	6/20/18	1700

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC?	Yes	No
Samples intact?	Yes	No
Samples properly preserved?	Yes	No
Samples in holding time?	Yes	No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Matrix	Bottle Type
Grab	AQ - Water	P - Plastic
Comp	SO -Soil / Sludge	G - Amber Glass
	OT - Other	VOA - 40 ml Vial
		Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of Sale, including the Price Schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, counselling or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (CLRP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample matrices provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses to protect its own confidential data and shall not be responsible for unauthorized disclosure of and data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials: 1. injury, disease or death of persons 2. Loss of, damage to, loss of, or loss of use of property and or 3. Financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence of or breach of contract by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other Indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post-judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis. Client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect on the date of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with a established credit accounts, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection proceedings or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by Client's authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereinder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants and agrees that said data, information and reports are not requested, or shall be used to relied upon in connection with or as part of the purchase, sale, underwriting, or distribution of any securities. Any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 02-Jul-18 17:50
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0450-01) Collected: 21-Jun-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AF82209	2	27-Jun-18 (EA)	9 mg/l	
pH	SM4500-H-B	AG80234	0.1	21-Jun-18 (SS)	7.6 pH Units	
Residual Chlorine	SM 4500 Cl-G	AF82115	0.05	21-Jun-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AF82111	1.8	23-Jun-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AF82111	1.8	23-Jun-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 7/2/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18F0450

Customer: IPC, Inc.		**Project:** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** Golan Kfir	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	6/21/18	11:30	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
	"	"	1	BOD	Grab	AQ	1L P	4°C	
	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by: GK	Golan IPC	6/21/18	
Received by:	Robert Keen (PCL)	6/21/18	1230
Relinquished by:			
Received by:			
Relinquished by:			
Received in lab by:	RK	6.21.18	1600

Sample Received Checklist

Temperature upon receipt: 4°

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu -$CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

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1. Definitions

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The client may place an order by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the Client's express assent to be governed by these terms and conditions. No oral or any or additional terms and conditions expressed in a client's document shall be deemed to be or to be a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of knowledge in the profession. Where applicable, PCL will use accepted methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (RWQCB), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) or the Examination of Water and Wastewater, and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the professional judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors or new client arising out of or connected with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order will further release PCL from any liability in excess of the invoiced amount for the services notwithstanding any provision to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

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The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform our services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Any and the sample materials provided to client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public domain or Client has waived by PCL for all services rendered as in effect as on date of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of confidential information despite such standard use otherwise. PCL's reports and information provided thereto are for the exclusive use and benefit of client and no other agents. There shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning confidential information, trade secrets or other proprietary rights.

10. Hold Harmless

Client to defend, and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and costs and expenses including, but not limited to, all court fees (the Litigation Expenses) and attorneys fees (including in favor of Client or any third party or a result of, or due to any assuming insurance in arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, illness, disease or death of persons, 2. loss of, damage to, misuse of, or use of property and/or 3. Property loss of environment or character. This indemnity provision applies to any of the foregoing losses, costs, damages or expenses suffered solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall also specifically apply to incident claims charges, actions or proceedings and Litigation arising out of or in connection with the negligence or misconduct by any consultant or subcontractor Person, whether actual or alleged, in the performance of services under this agreement. The foregoing responsibilities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified persons. To the extent necessary, under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage as so furnished by client, which may place limits on the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption, Litigation Expenses or other loss (including without limitation, attorney's fees, court costs, and the cost of appeal bonds) in any way associated or even connected by client or any other party in any litigation against or involving PCL or any indemnified person or claim either with this agreement or all services provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples/materials for analysis which is or asbestos, polychlorinated biphenyls, lead or any other hazardous or toxic chemical, material and substance which are defined, determined or classified as such under federal, state or local laws, rules, PCL expressly stipulates (another now according to be, either analyzed or contemplated or any material or specification determined as of any time of the Client/PCL Relationship). Client understands and agrees that any hazardous materials provided to PCL from client or at client's request, shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's standard policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for analytical or chemical analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of execution of the date the services were rendered or such prices may be and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or invoice shall be completed is required for all new clients or those a history of delinquent or late credit accounts have been established with PCL. For check clients with an established credit account, the terms for full payment of charges are NET CASH within thirty (30) days from date of invoices. In the fullest extent permitted of or all to be applicable law, any amounts received in the end of the thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are submitted through legal proceedings or are in arrears, the client shall pay reasonable costs and attorneys fees agents fees associated with such collection actions or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by the authorized representative. Except PCL's subsequent efforts for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client's testing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. Client agrees and acknowledges that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants and agrees that said data, information and reports are not transmitted, or shall have no right to rely upon, in connection with or as part of any purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or communicating with any public or private agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All other holding times 5-7 days, samples must arrive at the lab within 24 to 48 hours before expiration to make sure the holding times are met. Short Holding Times of 72 hours or less therefore, if future, must be delivered that same day to allow us to guarantee holding times are met. After hours late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of our fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Extended long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been entered on the fee schedule. Reasonable time has been allocated for a pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 01-Jul-18 15:46
Subject: (MCC) Weekly EFF

Project/P.O.#: (MCC) Weekly EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0446-01) Collected: 21-Jun-18 By IPC						
Ammonia as N	EPA 350.1	AF82208	0.10	22-Jun-18 (SGS)	<0.10 mg/l	
Nitrate as N	EPA 353.2	AF82213	0.20	22-Jun-18 (LA)	2.24 mg/l	
Nitrite as N	EPA 353.2	AF82213	0.02	22-Jun-18 (LA)	<0.02 mg/l	
Total Kjeldahl Nitrogen	EPA 351.2	AF82543	0.10	26-Jun-18 (LA)	1.23 mg/l	
Total Suspended Solids	SM 2540D	AF82210	1	22-Jun-18 (EA)	2 mg/l	

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 7/1/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18F0446

Customer: IPC, Inc.		Project : (MCC) Weekly EFF	
Address: 9297 Research Drive		Sampled by: Golan Kfir	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserv	Field Data (pH / Temperature) pH: Field Lab
EFF	6/21/18	11:30	1	TSS	Grab	AQ	1L P	4°C	
	"	"	1	NH4, TKN	Grab	AQ	500 P	HS	
	"	"	1	NO2, NO3	Grab	AQ	500 P	4°C	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

Signature	Print Name (Company)	Date	Time
Relinquished by: GK	Golan IPC	6/21/18	
Received by: X	Robert Lucero (PCL)	6/21/18	1230
Relinquished by:			
Received by:			
Relinquished by:			
Received in lab by:	PCL	6-21-18	1600

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No
Samples intact? Yes No
Samples properly preserved? Yes No
Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu -$CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who or by request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such documents may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or invitation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the samples (materials) provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client was hired to pay PCL for all services rendered up to (immediate in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees (the Litigation Expenses) and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials: 1. illness, injuries or death of persons 2. loss of, damage to, injury to, or loss or use of property and or 3. financial loss of every kind or character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence or breach of contract by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other Indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption. Litigation Expenses or other fees including, without limitation, attorney's fees, court costs, and (as are all post-judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or all services provided under this agreement even if client or the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or described as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in Accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment is due on or when analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with a established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees in addition fees associated with such collection proceedings or attorney.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by a duly authorized representative, except in subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush cannot and time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times may be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria 48 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for long periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 01-Jul-18 15:27
Subject: (MCC) Weekly INF

Project/P.O.#: (MCC) Weekly INF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
INF (Sample I.D.# : 18F0447-01) Collected: 21-Jun-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AF82209	2	27-Jun-18 (EA)	37 mg/l	
Total Suspended Solids	SM 2540D	AF82210	1	22-Jun-18 (EA)	574 mg/l	

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 7/1/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18F0447

Customer: IPC, Inc.		Project: (MCC) Weekly INF	
Address: 9297 Research Drive		Sampled by: Golan Kfir	P.O. #:
Irvine	CA 92618	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
INF	6/21/18	11:45	1	TSS	Grab	AQ	1L P	4°C	
	"	"	1	BOD	Grab	AQ	1L P	4°C	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by: GK	Golan IPC	6/21/18	
Received by: X	Robert (Ceeh/PCL)	6/21/18	1230
Relinquished by:			
Received by:			
Relinquished by:			
Received in lab by:	PCL	6-21-18	1600

Sample Received Checklist

Temperature upon receipt: 4

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

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The client may order services by submitting a written Chain of Custody (COC) to PCL. Any subsequent correspondence by the client of PCL's effort to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or by alternative consulting services constitutes the client's express assent to be governed by these terms and conditions. No oral or additional terms and conditions expressed in a client's document shall be accepted to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "Services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of care/diligence in the profession where applicable. PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (TLAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgment of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

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9. Confidentiality

Data and the sample material provided hereunder or at client's request, and the results obtained by PCL shall be held in confidence unless such information is generally available to the public or in the public domain or client has and to pay PCL for all services rendered up to effective as of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses to protect its own confidential data and shall not be responsible for unauthorized disclosure of confidential information while observing PCL reports and information, penalties may include the forfeiture of any and all of client and PCL agree there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software, programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, subcontractors, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to, all court fees, fine, litigation, investigation and expert's charge in favor of Client or any third party as a result of, and/or in any way occurring incidental to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. illness, disease or death of persons 2. loss of, damage to, loss of, or loss of use of property and 3. financial loss of every kind or character. The foregoing does not apply to any of the foregoing losses, costs, damages, etc. arising solely from the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to claims, claims damages, actions or causes and punitive, treble, or consequential damages, including without limitation, loss of profits, business interruption, attorneys fees, court costs and any and all other expenses incurred by client or any other party in any litigation, appeal or involving PCL or any information or person in connection with this agreement or any services provided under this agreement even if client or the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples essentials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic materials, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as approved by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operations or where the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when services completed required for all new clients or until a history of accounts with PCL account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoice. In the event reasonable attorney's fees and all applicable law, any amounts in past due and of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable court and attorney's fees, agents' fees associated with such collection, collection or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective and enforceable and executed by an officer of PCL and by client's authorized representative, except that subsequent orders for additional services may be placed orally or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information or reports furnished by PCL. Client is receiving services hereunder for his own account, and not as agent or trustee of or any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party has any rights to such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall not be relied upon, in connection with or as part of any purchase, sale, underwriting or participation in any security, any permit or other regulatory or financial matters of any kind or the securing, consummation, renewal or extension of any loan from any financial institution or other lender or the participation in or participating with investors, underwriters, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any subsequent reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered to us, or samples not received without prior notification and acceptance. Standard holding times and storage conditions should be followed in order to analyze samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All client holding times, 7-7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times are not missed. Short Holding Times of 48 hours or less (Nitrate, Nitrite, Orthophosphate, Dissolved Oxygen, pH, Sulfite, Residual Chlorine, Total Chlorine, Hexavalent Chromium, Sulfide, Dissolved Sulfide) must be delivered that same day in order to avoiding holding times and wait. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of the fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been included on the fee schedule. Reasonable fees has been allocated for a pick up or service. Unnecessary delays during the pick up or sampling might be accessed an additional fee.

PAT-CHEM
LABORATORIES
QUALITY ANALYTICAL SERVICES SINCE 1987
1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

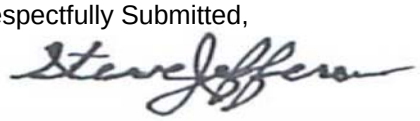
Attention: Ric Vardel
Report Date: 10-Jul-18 10:01
Subject: (MCC) Weekly INF

Project/P.O.#: (MCC) Weekly INF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
INF (Sample I.D.# : 18F0447-01) Collected: 21-Jun-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AF82209	2	27-Jun-18 (EA)	537 mg/l	
Total Suspended Solids	SM 2540D	AF82210	1	22-Jun-18 (EA)	574 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 7/10/2018
Laboratory Director

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 02-Jul-18 17:52
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0483-01) Collected: 22-Jun-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AF82427	2	29-Jun-18 (SGS)	<2 mg/l	
pH	SM4500-H-B	AG80234	0.1	22-Jun-18 (SS)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AF82219	0.05	22-Jun-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AF82205	1.8	25-Jun-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AF82205	1.8	25-Jun-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 7/2/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18P0483

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine	CA 92618	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field (Lab)
EFF	06/22/18	1110	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.47
			1	BOD	Grab	AQ	1L P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	Carlos Alvarez (IPC)	06/22/18	
Received by	David Lum PCL	6/22/18	1531
Relinquished by	David Lum PCL	6/22/18	1621
Received by			
Relinquished by			
Received in lab by		6/22/18	1621

Sample Received Checklist

Temperature upon receipt: 4 °C

# of bottles agrees with COC?	Yes	No
Samples intact?	Yes	No
Samples properly preserved?	Yes	No
Samples in holding time?	Yes	No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	**HC** - HCl
Comp	**HS** - H_2SO_4
Matrix	**HN** - HNO_3
AQ - Water	**HP** - H_3PO_4
SO -Soil / Sludge	**OH** - NaOH
OT - Other	**ST** - Sodium Thiosulfate
Bottle Type	**AA** - Ascorbic Acid
P - Plastic	**Al** - $AlCl_3$
G - Amber Glass	**Cu** -$CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

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The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including any and all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession where applicable. PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), U.S. Waterboard (FLDP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater, and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided hereon, shall not exceed the invoiced amount for said services. Client's exception of a write order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services issued/standing. Any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel perform the sampling, the client shall be responsible for the situation where the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Client and the sample matrices provided by client or on client's request and the results generated by PCL shall be held in confidence (unless such information is generally available to the public or in the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided hereto are for the exclusive use and benefit of client and client agrees that shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, trade programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and current harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to attorneys fees (the obligation, payment and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or interpretation, printing or disposal of client's hazardous materials, 1. illness, disease or death of persons 2. loss of, damage to, theft of, or loss of use of property and or 3. financial loss of every kind or character. This indemnity does not apply to any of the foregoing arising from, caused by, or resulting solely from the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to claims, charges, actions or causes of action and character arising out of or in connection with the negligence of or unlawful conduct by any individual or person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might have with respect to PCL and the other indemnified persons. To the fullest extent permitted by applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profits or business interruption or litigation. Expenses or other fees including, without limitation, attorney's fees, court costs and/or pre-judgment interest, or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified persons in connection with this agreement or an invoice provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or described as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any material administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or its PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any of its analysis, client will be charged a sample disposal fee per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operation on the date the services were rendered or such other rates and terms as specified in writing. The price schedule is subject to change at any time without notice. Payment in advance or when service is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by law, all accounts not paid in full within thirty (30) days of the invoice date shall be subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable court and attorney's fees in addition to any associated late and collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the Terms shall be effective only if in writing and executed by an officer of PCL and by client's authorized representative, except that written requests for additional services may be verbal or in writing.

14. No Third Party Beneficiaries; No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is providing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to solicit upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any interest, the securing, assumption, renewal, or extension of any loan from any financial institution or other lender or the certification to or concurrence with directors, or any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after business hours without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 3-7 days, samples must arrive at the lab within 24 hours. Please let us know in advance that the holding times can be met. Short Holding Times of 48 hours or less that samples must be delivered that same day in order to guarantee holding times are met. After hours, late deliveries, freight company delays or similar issues are subject to additional fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for 45 days after the date of final analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 02-Jul-18 17:54
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0494-01) Collected: 23-Jun-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AF82427	2	29-Jun-18 (SGS)	<2 mg/l	
pH	SM4500-H-B	AG80234	0.1	23-Jun-18 (SS)	7.2 pH Units	
Residual Chlorine	SM 4500 Cl-G	AF82544	0.05	24-Jun-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AF82318	1.8	26-Jun-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AF82318	1.8	26-Jun-18 (PL)	2.0 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 7/2/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18F0494

Customer: IPC, Inc.

Address: 9297 Research Drive
Irvine CA 92618

Project : (MCC) Daily EFF

Sampled by: Carlos Alvarez

Report Attention: Ric Vardel / Golan Kfir

P.O. #:

Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserv.	Field Data (pH / Temperature) pH: Field Lab
EFF	06/23/18	1130	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
	↓	↓	1	BOD	Grab	AQ	1L P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (SPC)	06/23/18	1200
Received by				
Relinquished by	Jose L Gomez	Jose L Gomez	6-23-18	1200
Received by				
Relinquished by				
Received in lab by	Alex Walker	Alex Walker Jr	6-23-18	1335

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

2. Independent Contractor

3. Orders and Acceptance

4. Limit of Liability

5. Clients Responsibility

6. Cancellation

7. Overriding Agreement

8. Force Majeure

9. Confidentiality

10. Hold Harmless

11. Hazardous Substances

12. Prices/Payments

13. Agreement Modification

14. No Third Party Beneficiaries: No Right of Reliance

15. Rush Analysis

16. Holding Times

17. Sample Retention

18. Sample Pick Up/Field Tech Sampling

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 02-Jul-18 17:57
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0497-01) Collected: 24-Jun-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AF82639	2	01-Jul-18 (VL)	<2 mg/l	
pH	SM4500-H-B	AG80234	0.1	24-Jun-18 (SS)	7.3 pH Units	
Residual Chlorine	SM 4500 Cl-G	AF82544	0.05	24-Jun-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AF82428	1.8	27-Jun-18 (PL)	2.0 MPN/100 ml	
Total Coliforms	SM 9221B	AF82428	1.8	27-Jun-18 (PL)	2.0 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 7/2/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18f0497

Customer: IPC, Inc.		Project : (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: JULIO LEAL	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	06-24-15	0920	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
	/		1	BOD	Grab	AQ	1L P	4°C	
	/		1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

Signature	Print Name (Company)	Date	Time
Relinquished by	JULIO LEAL	6-24-15	11:20
Received by	Jordan Corkery	6/24/15	1120
Relinquished by			
Received by			
Relinquished by			
Received in lab by	Jordan Corkery	6/24/15	11:20

Sample Received Checklist

Temperature upon receipt: _____

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu -$CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of Sale, including the price schedule, quotation, addendum or amendment thereto and attached to or referring "Client" means the individual or entity who or that requests laboratory testing, consulting or sampling services and/or to its firms, successors, affiliates and representatives. "Price Schedule" means PCL's Client Logistics manual PCL's standard price schedule as such document may be amended or replaced from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL accepts and will accept orders for services (or portions thereof) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which expressly is inconsistent with the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may order services by submitting a written (mail or fax) or verbal order to PCL. Any such order constitutes 1. an acceptance by the Client of PCL's offer to do business with the Client under the terms and conditions and 2. an agreement to be bound by these Terms and Conditions. The Client's delivery of samples to PCL or initiation of consulting services constitutes the Client's express assent to be governed by these terms and conditions. No preprinted or additional terms and conditions appearing on a client's document shall be deemed to become a part of this contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "Services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waters Used (FLAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and the PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services outstanding and any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and/or samples submitted by or for the owner or client's account and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or in the public domain or client has filed a copy w/ PCL for all services commencing in otherwise in breach of the agreement). Subject to any duties now required by law or legal process, PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such disclosure was otherwise. PCL reports and information are solely for the exclusive use and benefit of client and client against them shall not be used by any third party in any reports, data or information. Client and each person or any third party any information, something, technical information, software programs or other form or nature.

10. Hold Harmless

Client releases and shall hold, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and reasonable expenses including, but not limited to, court costs, attorney's fees and amounts awarded arising in favor of Client or any third party as a result of, and/or in any way relating, incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, i.e. injury, illness or death of persons, i.e. loss of, damage to, use of, or loss of use of property, and 2. financial loss of every kind and character. This indemnity agreement applies to any of the foregoing losses, claims, damages or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims, damages, amounts of every kind and character arising out of or in connection with the negligence, intentional fault or any and unidentified Person, whether active or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other indemnified Persons. To the extent not prohibited under applicable law, Client agrees that its indemnity obligations will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the minimum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption (litigation expenses or other fees including, without limitation, attorney's fees, court costs, and (or) are to post judgment interest), or any other expenses or costs incurred by client or any other party in any litigation, against or involving PCL or any indemnified person in connection with this agreement or any services provided under this agreement against client or the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide, and PCL will receive samples materials for analysis such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, waste and substances which are defined, determined or described as such under federal, state or local laws. PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any official or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or to PCL's QA/QC protocols. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for analysis (primary samples), client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of submission on the date the services were rendered, unless prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or at completion is compulsory if required for all new clients or until a history of payment and/or credit worthiness has been established with PCL. For those clients with an established credit account, the terms for payment of invoices are NET Cash within thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not to suggest, or shall be used to refund upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities. Any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or consulting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 96 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been noted on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

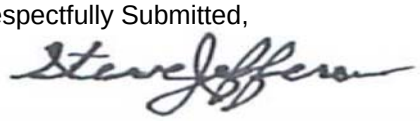
Attention: Ric Vardel
Report Date: 02-Jul-18 17:59
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0511-01) Collected: 25-Jun-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AF82639	2	01-Jul-18 (VL)	<2 mg/l	
pH	SM4500-H-B	AG80234	0.1	25-Jun-18 (SS)	7.5 pH Units	
Residual Chlorine	SM 4500 Cl-G	AF82642	0.05	26-Jun-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AF82545	1.8	27-Jun-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AF82545	1.8	27-Jun-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 7/2/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18F0511

Customer: IPC, Inc.		**Project:** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** Golan Kfir	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field (Lab)
EFF	6/25/18	11:45	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.53/12.3°C
	"	"	1	BOD	Grab	AQ	1L P	4°C	
	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by: GK	Golan IPC	6/25/18	1205
Received by:	MARJO SANTIESTEBAN (PCL)	6/25/18	1205
Relinquished by:	MARJO SANTIESTEBAN (PCL)	6/25/18	1345
Received by:			
Relinquished by:			
Received in lab by:		6/25/18	1345

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO -Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" herein refer to these Terms and Conditions of sale, including the price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity who has requested laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which document incorporates the Terms. No modifications to the Terms shall be valid and binding unless in writing and agreed to by an authorized representative of the Client and PCL.

The Client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the Client of PCL's offer to do business with the Client under the terms and conditions and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL, or initiation of consulting services constitutes the Client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions enumerated in a Client's document shall be deemed to modify a part of the contract based upon acceptance of the terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession where applicable. PCL will use analytical methodologies which are in accordance/or conform/to/with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provision to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the circumstances which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the samples or test specimens analyzed at or at Client's request and the reports prepared by PCL shall be held in confidence unless such information is generally available to the public or is the public domain or Client has time to pay PCL for all services rendered with reference to or based on the agreement subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such data where such standard was observed. PCL reports and information generated hereunder are the exclusive use and benefit of Client and Client agrees there shall be no third party beneficiaries of such reports. Client's information, Client services provided to any third party or any other data concerning Client which comes to PCL's possession or knowledge

10. Hold Harmless

Client agrees to and shall save, indemnify, defend and hold PCL, its employees, officers, consultants, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and expenses (including, but not limited to, all court fees, litigation, investigation, reasonable attorneys' fees) of whatever kind or nature, arising out of, in connection with or resulting from the performance of services by PCL pursuant to this agreement and/or any proposal, handling or disposal of Client's samples hereunder. In no event shall PCL be liable for any consequential, incidental, indirect, punitive or special damages of any kind or nature whatsoever (including, without limitation, lost profits), whether or not likely to occur, suffered, or incurred in connection with the performance of services under this agreement. The foregoing limitations will be in addition to any liability which the Client might otherwise have to PCL and the other indemnified persons. To the extent necessary under applicable law, Client agrees that its indemnity obligations will be supported by insurance. Subject to the limitations set forth in this agreement, PCL shall indemnify Client for any loss, damage, claim, liability or expense (including reasonable attorneys' fees) which Client may sustain or incur as a result of the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall not include any special, indirect, punitive damages, actions of every kind and character arising out of or in connection with the negligence or willful misconduct of Client, its employees, agents or contractors, or any third party, or the performance of services under this agreement. The foregoing indemnities

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

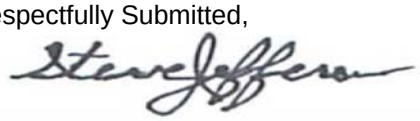
Attention: Ric Vardel
Report Date: 02-Jul-18 18:01
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0546-01) Collected: 26-Jun-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AF82732	2	02-Jul-18 (SGS)	<2 mg/l	
pH	SM4500-H-B	AG80234	0.1	26-Jun-18 (SS)	7.3 pH Units	
Residual Chlorine	SM 4500 Cl-G	AF82744	0.05	27-Jun-18 (SGS)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AF82644	1.8	28-Jun-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AF82644	1.8	28-Jun-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 7/2/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18P0546

Customer: IPC, Inc.		**Project:** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** Golan Kfir	**P.O. #:**
Irvine CA 92618		**Report Attention:** Ric Varde! / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field (Lab)
EFF	6/26/18	11:40	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.3
	"	"	1	BOD	Grab	AQ	1L P	4°C	
	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	Golan, IPC	6/26/18	
Received by	C. Tatum	6/26/18	1300
Relinquished by	C. Tatum	6/26/18	1500
Received by			
Relinquished by			
Received in lab by		6/26/18	

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC? (Yes) No

Samples intact? (Yes) No

Samples properly preserved? (Yes) No

Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
(Grab) Comp	HC - HCl
Matrix	HS - H_2SO_4
(AQ) - Water	HN - HNO_3
SO - Soil / Sludge	HP - H_3PO_4
OT - Other	OH - NaOH
Bottle Type	ST - Sodium Thiosulfate
(P) - Plastic	AA - Ascorbic Acid
(G) - Amber Glass	AI - $AlCl_3$
VOA - 40 ml Vial	Cu - $CuSO_4$
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and conditions of sale, including the price schedule, as well as addenda or amendments to the same, as agreed to in writing. "Client" means the individual or entity which has placed quotation requests, purchased or requested services, and has or receives samples, analyses, reports, and representations. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule or such document may be provided or revised from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) exclusively on the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the client have otherwise executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order, submission, or acceptance by the client or PCL's offer to do business with the client under the terms and conditions and / or agreement shall be bound by these Terms and conditions. The client's delivery of samples to PCL or acceptance of requested services constitutes the client's assent to be governed by these terms and conditions. No order or conditional terms and conditions expressed in a client's document shall be deemed to be more a part of this contract based upon acceptance of the terms and conditions.

For purposes of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be provided by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standard of care prevailing in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (CLIAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater, and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in terms connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or a report relieves PCL from any liability in excess of the invoiced amount for the service(s) rendered, any discounts to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel perform the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder, subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and countersigned by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client is ordered by PCL for all services rendered to it hereunder or by virtue of this agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data when such standard is observed. PCL reports and information provided hereunder are for the exclusive use and benefit of client and client agrees that there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning methods, data, results and procedures or other information.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, costs and expenses (including reasonable attorneys' fees) relating to all civil claims, Litigation, Lawsuits and awards arising in favor of Client or any third party as a result of, relating to any way occurring, incident to, arising out of, or in connection with the performance of services by PCL pursuant to this agreement, and / or information, handling or disposal of client's hazardous chemicals, 1. Injury, illness or death of persons; 2. Loss of, damage to, loss of use of, or use of property; and / or 3. Environmental or every kind of character. This indemnity does not apply to any of the foregoing which arises solely and directly as a result of the negligence or willful misconduct of PCL or its employees. Further, this indemnity shall not apply to any claims, damages, actions or every kind and character arising out of or in connection with the negligence or misconduct of any third party not employed by PCL, who in any way participated in the performance of services pursuant to this agreement. The foregoing indemnities will be in addition to and separately from the insurance coverage PCL and the other Indemnified Parties have in effect or are required to have in connection with the services. To the extent permitted under applicable law, in no event shall PCL be liable to client for indirect, exemplary, special, incidental or consequential damages (including, without limitation, loss of profits or business interruption) of any kind. Expenses of litigation (including, without limitation, attorney's fees, court costs, and client's own cost) judgments, awards, or any other expenses incurred by client or any other party in any litigation against or involving PCL or any Indemnified Party in connection with this agreement or as otherwise permitted under this agreement, even if client, the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive complete information for analyses (such as odor data, polychlorinated biphenyls, bacteria or any other biological or toxic materials, wastes and substances which are defined, determined or described as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated) or any judicial or administrative interpretation of any thereof (the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from or on client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policy. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples or testimonial fees. PCL's current sample disposal policy. In addition, all samples received by PCL for analytical analysis, client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of commission or the case the services were rendered in such price quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. A commission, quantity or other quotation is considered accepted for all new clients or upon a history of payment and/or credit account has been established with PCL. For charge client with an established credit account, payment for payment of charges are NET CASH within thirty (30) days from date of invoice. To the fullest extent permitted by law and applicable law, any amounts unpaid at the end of thirty (30) days shall accrue interest at the rate of one and one half percent (1.5%) per month on the unpaid balance. If collection efforts are commenced through lawful proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents, and associated with such collection procedures or efforts.

13. Agreement Modification

Changes, modifications or amendments to the Terms shall be effective only if in writing and executed by an officer of PCL and by client's authorized representative. Without prior notice, no verbal or additional written agreement shall be binding.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is solely responsible for its own decisions, and no use of or reliance on PCL's data, information, or reports by any other representatives, agents, or employees of client is authorized by PCL. Client acknowledges that any and all third party beneficiaries to this agreement, and that no third party may rely on PCL data, information or reports. Client represents, warrants, and agrees that said data, information, and reports are not intended, or shall be used or relied upon, in connection with or as part of the purchase, sale, underwriting, or syndication of any securities, any portion or other reporting to the holders of any notes or the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or consulting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analysis are available for an additional charge and must be arranged or approved. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 5pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. For analyses with holding times of 14 days or less, samples must arrive within 48 hours or else PCL cannot hold to holding times without accepting a rush surcharge. For most holding times of 7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less (Nitrate) is a subject must be delivered that same day in order to guarantee holding times are met. After hours, late deliveries, traffic, company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been quoted on the fee schedule. Appropriate time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 12-Jul-18 18:56
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0562-01) Collected: 27-Jun-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AF82806	2	03-Jul-18 (EA)	2 mg/l	
pH	SM4500-H-B	AG80234	0.1	27-Jun-18 (SS)	7.6 pH Units	
Residual Chlorine	SM 4500 Cl-G	AF82813	0.05	28-Jun-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AF82738	1.8	29-Jun-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AF82738	1.8	29-Jun-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 7/12/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18T0562

Customer: IPC, Inc.

Address: 9297 Research Drive
Irvine CA 92618

Project: (MCC) Daily EFF

Sampled by: Carlos Alvarez

Report Attention: Ric Vardel / Golan Kfir

P.O. #:

Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserv.	Field Data (pH / Temperature) pH: Field Lab
EFF	06/27/18	1130	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.6
"	"	"	1	BOD	Grab	AQ	1L P	4°C	
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (IPC)	06/27/18	
Received by		C. Tatum	6/27/18	1230
Relinquished by		C. Tatum	6/27/18	1500
Received by				
Relinquished by				
Received in lab by			6/29/18	1540

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Matrix	Bottle Type
Grab	AQ - Water	P - Plastic
Comp	SO - Soil / Sludge	G - Amber Glass
	OT - Other	VOA - 40 ml Vial
		Coli - bacteria

Preservations

HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

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For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC guidelines. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

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6. Cancellation

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8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the Certificate of Analysis prepared by client or at client's request and the results obtained by PCL shall be held in confidence (unless such information is generally available to the public or is the public domain or client has failed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereto are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiary of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to all court fees, the litigation if any and any awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials. 1. Injury, disease or death of persons 2. Loss of, damage to, loss of, or loss of use of property and or 3. Financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages, or liabilities caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence of or breach or conduct by any indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other Indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruptions, Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and /or pre or post-judgement interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or as are always provided under this agreement even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under Federal, State or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all Bacterial analysis, client will be charged a sample disposal fee, per sample submitted, in Accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect in the area of operation on the date the services were rendered or with prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients for until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted (if at all) by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedure or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective on in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is securing services hereunder for his own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not requested, or shall be used to relied upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 01-Jul-18 15:48
Subject: (MCC) Weekly EFF

Project/P.O.#: (MCC) Weekly EFF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0563-01) Collected: 27-Jun-18 By IPC						
Ammonia as N	EPA 350.1	AF82804	0.10	28-Jun-18 (SGS)	<0.10 mg/l	
Nitrate as N	EPA 353.2	AF82816	0.02	28-Jun-18 (LA)	0.75 mg/l	
Nitrite as N	EPA 353.2	AF82816	0.02	28-Jun-18 (LA)	<0.02 mg/l	
Total Kjeldahl Nitrogen	EPA 351.2	AF82815	0.10	29-Jun-18 (LA)	0.90 mg/l	
Total Suspended Solids	SM 2540D	AF82805	1	28-Jun-18 (SGS)	<1 mg/l	

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 7/1/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18F0563

Customer: IPC, Inc.		Project : (MCC) Weekly EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	06/27/18	1130	1	TSS	Grab	AQ	1L P	4°C	
"	"	"	1	NH4, TKN	Grab	AQ	500 P	HS	
"	"	"	1	NO2, NO3	Grab	AQ	500 P	4°C	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by :		Carlos Alvarez (IPC)	06/27/18	
Received by		C. Tatum	6/27/18	1230
Relinquished by		C. Tatum	6/27/18	1500
Received by				
Relinquished by				
Received in lab by			6/28/18	1500

Sample Received Checklist

Temperature upon receipt: 4c

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	HC - HCl
Comp	HS - H_2SO_4
Matrix	HN - HNO_3
AQ - Water	HP - H_3PO_4
SO - Soil / Sludge	OH - NaOH
OT - Other	ST - Sodium Thiosulfate
Bottle Type	AA - Ascorbic Acid
P - Plastic	Al - $AlCl_3$
G - Amber Glass	Cu - $CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of Sale, including the cover sheet(s), any addendum or amendment executed by the parties in writing. "Client" means the individual or entity who has ordered laboratory services, consulting or reporting services and his or its heirs, successors, assigns, and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule, as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services as defined herein only under the following Terms and Conditions (the "Terms"). These Terms shall not supersede PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client may order services by submitting a written chain of custody (COC) to PCL. Any such orders constitutes 1. an acceptance by the Client of PCL's offer to do business with the client under the terms and condition and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services constitutes the client's express assent to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a client's documents shall be deemed to become a part of the contract created upon acceptance of the terms and conditions.

For purpose of this agreement, "Services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession. Where applicable, PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboard (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client, arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and /or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder, subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the results obtained by PCL in the course of Client's request and the reports approved by PCL shall be held in confidence (unless such information is publicly available or is or subsequently in the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of said data where such standard was observed. PCL reports and information provided thereunder are for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client will not disclose to any third party any information concerning technical information, software programs or other instructions.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and associated expenses including, but not limited to attorneys fees (the "Indemnified Expenses") and awards arising in favor of Client or any third party as a result of, and/or in any way occurring incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or transportation, handling or disposal of client's hazardous materials, 1. injury, illness or death of persons, 2. loss of, damage to, loss of, or loss of use of property, and/or 3. financial loss of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages, or injuries caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to losses, claims damages, actions of every kind and character arising out of or in connection with the negligence (or breach of contract) by any Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the client might otherwise have to PCL and the other Indemnified Persons. To the extent necessary under applicable law, client agrees that its indemnity obligation will be supported by available liability insurance coverage to be furnished by client, which insurance shall be in the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profits or business interruption) Litigation Expenses or other fees (including, without limitation, attorney's fees, court costs, and pre and post-judgment interest), or any other expenses or costs incurred by client or any other party in any litigation against or involving PCL or any indemnified person in connection with this agreement or an services provided under this agreement, even if client is the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples materials for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic material, wastes and substances which are defined, determined or identified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any/all bacterial analysis client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of acceptance of the order the services were rendered or with prices stated and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or client analysis is completed is required for all new clients or until a history of payment and/or credit account has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by at will by applicable law, any amount unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balances. If unpaid amounts are collected through legal proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or twenty five calculated with such collection procedure or otherwise.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective on in writing and executed by an officer of PCL and by clients authorized representative, except that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client in securing services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client covenants, warrants, and agrees that said data, information and reports are not requested, or shall be used to refuse upon, in connection with or as part of, the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with, directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, 2-7 days, samples must arrive at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less (bacteria is 6 hours) must be delivered that same day in order to guarantee holding times are met. After hours, late delivery, freight company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

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All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods is by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been restated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be accessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

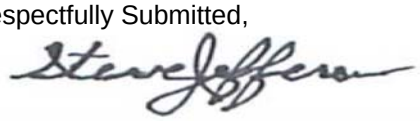
Attention: Ric Vardel
Report Date: 12-Jul-18 19:26
Subject: (MCC) Weekly INF

Project/P.O.#: (MCC) Weekly INF

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
INF (Sample I.D.# : 18F0565-01) Collected: 27-Jun-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AF82806	2	03-Jul-18 (EA)	432 mg/l	
Total Suspended Solids	SM 2540D	AF82805	1	28-Jun-18 (SGS)	145 mg/l	

Notes and Definitions

Respectfully Submitted,



Steve Jefferson 7/12/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1870565

Customer: IPC, Inc.		Project: (MCC) Weekly INF	
Address: 9297 Research Drive		Sampled by: Carlos Aguirre	P.O. #:
Irvine	CA 92618	Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
INF	06/27/18	1205	1	TSS	Grab	AQ	1L P	4°C	
"	"	"	1	BOD	Grab	AQ	1L P	4°C	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Aguirre (IPC)	06/27/18	
Received by		C. Tatum	6/27/18	1230
Relinquished by		C. Tatum	6/27/18	1500
Received by				
Relinquished by				
Received in lab by			6/28/18	8:20

Sample Received Checklist

Temperature upon receipt: 4c

# of bottles agrees with COC? Yes No

Samples intact? Yes No

Samples properly preserved? Yes No

Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including any price schedule, and any additions or amendments hereto which are agreed to in writing. "Client" means the individual or entity that may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) then-current price schedule as such document may be amended or released from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (or portions hereof) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms must be valid and binding unless in writing and signed by an authorized representative of the client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the Terms and conditions and 2. an agreement to be bound by these terms and conditions.

The Client's delivery of samples to PCL or initiation of consulting services shall indicate the Client's express assent to be governed by these terms and conditions. Any contrary or additional terms and conditions expressed in a Client's document shall be deemed to become a part of the contract (materially) in exchange of the Terms and conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the profession where applicable, PCL will use technical methodologies which are in substance, consistently with the U.S. Environmental Protection Agency (EPA), U.S Waterboard (USDP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the examination of Water and Wastewater, and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or data/data based on the reasonable judgement of PCL's chemists. If any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for providing to and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out of pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether stated in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample matrix (and identifying marks) of client's received and the results determined by PCL shall be held in confidence unless such information is generally available to the public or in the public domain or agreed to be used by PCL for all services rendered or in connection. Breach of the agreement subject to any remedies available to the injured party. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of materials where authorization was observed. PCL reserves and maintains proprietary claims and for the purposes and benefits of Client and client agrees there shall be no third party beneficiaries of such reports. Client also agrees Client will not disclose to any third party any information concerning PCL's information, software, systems or other trade secrets.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages (including reasonable attorneys' fees and costs), claims, causes of action, suits and other legal expenses incurred, suffered or awarded arising in favor of Client or any third party as a result of, and/or in any way directly involved in, arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or from any actual or alleged breach or default of Client's hereunder (collectively, "Claims"), including, but not limited to, Claims relating to or arising out of any personal injury, death or property damage, and/or any and all claims of trespass and/or violation of any kind of statute. This indemnity does not apply to any of the foregoing losses, costs, damages, and other Claims solely to the gross negligence and/or misconduct of PCL or its employees. To the fullest extent permitted by law, Client shall indemnify, defend and hold harmless PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent from and against any and all Claims arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or from any actual or alleged breach or default of Client's hereunder by the Indemnified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to and not subject to which the indemnified Persons may have PCL and the other Indemnified Persons. To the fullest extent permitted applicable law, client agrees that as indemnity obligation will be satisfied by available liability insurance coverage or be furnished by client, an amount equal to the maximum amounts permitted under applicable law. In no event shall PCL be liable to client for indirect, punitive, special, incidental or consequential damages (including, without limitation, loss of profit or business interruption) Litigation expenses or other fees (including, without limitation, attorney's fees, court costs, and all amounts paid judgment interest) or any other expenses to client incurred by client or any other party in any litigation against or involving PCL or any of its officers or personnel in connection with this agreement or as expressly prohibited under this agreement even if client or the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will receive samples submitted for analyses such as asbestos, polychlorinated biphenyls, bacteria or any other hazardous or toxic materials, wastes and substances which are defined, determined or designated as such under federal, state or local laws. PCL policies or regulations (and/or new wording of legislation enacted or promulgated or any judicial or administrative interpretation of any thereof) the "Hazardous Materials". Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and shall upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples retained by PCL for invoice period equals shall have an charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and procedures.

12. Prices/Payments

Client must pay PCL in accordance with PCL's applicable price schedule in effect at the time of acceptance of the date the services were rendered or such prices quoted and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or all prepayment is required for all new clients or and a history of payment satisfactory to PCL has been established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by law, a late charge applicable rate, any amount unpaid at the end of thirty (30) days shall accrue interest at the lesser of the maximum rate permitted by law or one and one-half percent (1.5%) per month on the unpaid balance. If unpaid amounts are collected through court proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees in addition to any amounts owed with collection proceedings or efforts.

13. Agreement Modification

Changes, modifications or amendments to the Terms shall be effective only if in writing and executed by an officer of PCL and the Client's authorized representative. Contractual quotations orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries. No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client's consulting services hereunder for its own account, and PCL as agent or broker, or in any other representative capacity for another or persons or entity. It is agreed and acknowledged that there are no third party beneficiaries to the agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information, and reports are not requested or shall be used to relied upon in connection with or as part of, the purchase, sale, underwriting, or administration of any securities, any periodic or other reporting to the holders of any security, the securing, amendment, renewal, or extension of any loan from any financial institution or other lender or the participation by or participation with governmental agencies, any governmental agencies or departments.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advance. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 3pm on weekdays without prior notification and arrangement. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client if requested. All analyses with holding times of 72 hours or less, samples must arrive within 36 hours to allow PCL to meet holding times without applying a rush surcharge. All short holding times, ≤ 7 days, samples must arrive at the lab within 24 hours before expiration to ensure that the holding times can be met. Short Holding Times of 48 hours or less that client is aware must be delivered that same day in order to guarantee holding times are met. After hours, late deliveries, courier/company delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis is been completed. Sample storage for large quantities by request only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been stated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 12-Jul-18 18:58
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0590-01) Collected: 28-Jun-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AF82916	2	04-Jul-18 (EG)	4 mg/l	
pH	SM4500-H-B	AG80234	0.1	28-Jun-18 (SS)	7.2 pH Units	
Residual Chlorine	SM 4500 Cl-G	AF82912	0.05	29-Jun-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AF82812	1.8	30-Jun-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AF82812	1.8	30-Jun-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 7/12/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18F0590

Customer: IPC, Inc.		Project: (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field / Lab
EFF	06/28/18	1100	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	7.2
			1	BOD	Grab	AQ	1L P	4°C	
			1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

Signature	Print Name (Company)	Date	Time
Relinquished by	Carlos Alvarez (GPC)	06/28/18	
Received by	C-Tate PCL	6/28/18	1277
Relinquished by	C-Tate PCL	6/28/18	1500
Received by			
Relinquished by			
Received in lab by		6/29/18	1500

Sample Received Checklist

Temperature upon receipt: 4°C
# of bottles agrees with COC? (Yes) No
Samples intact? (Yes) No
Samples properly preserved? (Yes) No
Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
(Grab)
Comp

Matrix
(AQ - Water)
SO - Soil / Sludge
OT - Other

Bottle Type
(P - Plastic)
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including any price schedule and any additions or amendments which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting, sampling services and who is its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or released from time to time by PCL.

2. Independent Contractor

PCL will solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined hereinbelow) only under the following General Terms and Conditions (the "Terms"). These Terms shall apply if PCL and the Client shall not have executed a separate agreement in writing which does not incorporate the Terms. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The Client's work order request by submitting a written Work Order (a "WO") to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or invitation of a sampling service constitutes the Client's acceptance to be governed by these terms and conditions. No contrary or additional terms and conditions expressed in a Client's document shall be deemed to be or form a part of the contract created upon acceptance of the terms and conditions.

For purposes of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of accountancy in the profession. Where appropriate, PCL will use statistical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), CA Waterboards (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) or the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature of compositions of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the same and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order, and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the sample materials provided by Client or at Client's request and the results obtained by PCL shall be held in confidence unless such information is generally available to the public or in the public domain or Client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement. Unless by any disclosure required by law or legal process, PCL shall exercise the same standard of care it uses in protecting its own confidential data and shall not be responsible for unauthorized disclosure of such data unless such disclosure is caused by PCL's gross negligence or willful misconduct. Client will not disclose any information concerning PCL's methods or procedures to any third party without PCL's prior written consent.

10. Hold Harmless

Client releases, and shall save, indemnify, defend and hold PCL, its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, actions, damages, claims, demands, losses, penalties, suits and other related expenses including, but not limited to, all court fees, charges and fees incurred in awards arising in favor of Client or any third party as a result of, and to the extent caused by, incidents or events that occur in connection with the performance of services by PCL hereunder to the extent such liability, damage, loss, claim, action, suit, penalty, fine or demand is caused by Client's (or Client's customers, if any) acts or omissions, including, but not limited to, claims, damages, losses and expenses, including attorneys' fees and costs, arising out of or in connection with the negligence of or breach of contract by any employee or Client Person, whether or not such is alleged in the performance of services under this agreement. The foregoing indemnification will not apply to any liability which has been caused by PCL's gross negligence or willful misconduct of PCL or its employees. Further, this indemnity does not apply to any of the following losses, costs, damages or expenses caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity does not apply to losses, claims, damages, demands or suits that are partially arising out of or in connection with the negligence of or breach of contract by any employee of Client Person, whether or not such is alleged in the performance of services under this agreement. The foregoing indemnification will not apply to any liability which has been caused by PCL's gross negligence or willful misconduct of PCL or its employees. Further, this indemnity does not apply to any of the following losses, costs, damages or expenses caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity does not apply to losses, claims, damages, demands or suits that are partially arising out of or in connection with the negligence of or breach of contract by any employee of Client Person, whether or not such is alleged in the performance of services under this agreement. The foregoing indemnification will not apply to any liability which has been caused by PCL's

July 26, 2018

Pat-Chem Laboratories
1824 1st St
San Fernando, CA 91340

Lab ID : SP 1808558
Customer : 2-12670

Laboratory Report

Introduction: This report package contains total of 7 pages divided into 3 sections:

Case Narrative	(2 pages)	: An overview of the work performed at FGL.
Sample Results	(2 pages)	: Results for each sample submitted.
Quality Control	(3 pages)	: Supporting Quality Control (QC) results.

Case Narrative

This Case Narrative pertains to the following samples:

Sample Description	Date Sampled	Date Received	FGL Lab ID #	Matrix
EFF	06/28/2018	06/29/2018	SP 1808558-001	WW

Sampling and Receipt Information: All samples were received in acceptable condition and within temperature requirements, unless noted on the Condition Upon Receipt (CUR) form. All samples arrived on ice. All samples were prepared and analyzed within the method specified hold time. All samples were checked for pH if acid or base preservation is required (except for VOAs). For details of sample receipt information, please see the attached Chain of Custody and Condition Upon Receipt Form.

Quality Control: All samples were prepared and analyzed according to the following tables:

Inorganic - Metals QC

245.1	06/29/2018:209504 All analysis quality controls are within established criteria.
	06/29/2018:207627 All preparation quality controls are within established criteria.

Radio QC

900.0	07/09/2018:209781 All analysis quality controls are within established criteria.
	07/05/2018:207829 All preparation quality controls are within established criteria, except: The following note applies to Gross Beta: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery. The following note applies to Gross Beta: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.

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July 26, 2018 Lab ID : SP 1808558
Pat-Chem Laboratories Customer : 2-12670

Radio QC

903.0	07/13/2018:210045 All analysis quality controls are within established criteria.
	07/05/2018:207863 All preparation quality controls are within established criteria.
905.0	07/10/2018:209934 All analysis quality controls are within established criteria.
	07/02/2018:207714 All preparation quality controls are within established criteria.
906.0	07/13/2018:210043 All analysis quality controls are within established criteria.
	07/12/2018:208112 All preparation quality controls are within established criteria.
908.0	07/13/2018:210074 All analysis quality controls are within established criteria.
	07/05/2018:207841 All preparation quality controls are within established criteria.
Ra - 05	07/11/2018:210010 All analysis quality controls are within established criteria.
	07/07/2018:207715 All preparation quality controls are within established criteria.

Inorganic - Wet Chemistry QC

314.0	07/05/2018:209731 All analysis quality controls are within established criteria.
	07/05/2018:207914 All preparation quality controls are within established criteria.

Certification:: I certify that this data package is in compliance with ELAP standards, both technically and for completeness, except for any conditions listed above. Release of the data contained in this data package is authorized by the Laboratory Director or his designee, as verified by the following electronic signature.

KD:SVH

Approved By **Kelly A. Dunnahoo, B.S.** Digitally signed by Kelly A. Dunnahoo, B.S.
Title: Laboratory Director
Date: 2018-07-26

July 26, 2018

Pat-Chem Laboratories
1824 1st St
San Fernando, CA 91340

Description : EFF
Project : 18F0598

Lab ID : SP 1808558-001
Customer ID : 2-12670

Sampled On : June 28, 2018-11:45
Sampled By : Customer
Received On : June 29, 2018-09:17
Matrix : Waste Water

Sample Result - Inorganic

Constituent	Result	PQL	Units	Note	Sample Preparation Method	Sample Preparation Date/ID	Sample Analysis Method	Sample Analysis Date/ID
Metals, Total								
Mercury	ND	0.00002	mg/L		245.1	06/29/18:207627	245.1	06/29/18:209504
Wet Chemistry								
Perchlorate	ND	2	ug/L		314.0	07/05/18:207914	314.0	07/05/18:209731

ND=Non-Detected. PQL=Practical Quantitation Limit. * PQL adjusted for dilution.

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July 26, 2018

Pat-Chem Laboratories
1824 1st St
San Fernando, CA 91340

Description : EFF
Project : 18F0598

Lab ID : SP 1808558-001
Customer ID : 2-12670

Sampled On : June 28, 2018-11:45
Sampled By : Customer
Received On : June 29, 2018-09:17
Matrix : Waste Water

Sample Result - Radio

Constituent	Result ± Error	MDA	Units	MCL/AL	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
Radio Chemistry								
Gross Alpha	2.99 ± 1.11	1.22	pCi/L		900.0	07/05/18-11:00 2P1807829	900.0	07/09/18-14:14 2A1809781
Gross Beta	7.83 ± 2.33	1.72	pCi/L		900.0	07/05/18-11:00 2P1807829	900.0	07/09/18-14:14 2A1809781
Strontium 90	0.000 ± 0.176	0.546	pCi/L		905.0	07/02/18-17:30 2P1807714	905.0	07/10/18-18:40 2A1809934
Total Alpha Radium (226)	0.034 ± 0.083	0.322	pCi/L		903.0	07/05/18-18:30 2P1807863	903.0	07/13/18-11:19 2A1810045
Tritium	0.000 ± 261	434	pCi/L		906.0	07/12/18-16:00 2P1808112	906.0	07/13/18-05:26 2A1810043
Uranium	1.89 ± 1.08	0.470	pCi/L		908.0	07/05/18-18:00 2P1807841	908.0	07/13/18-13:50 2A1810074
Ra 228	0.631 ± 0.781	0.506	pCi/L		Ra - 05	07/07/18-18:00 2P1807715	Ra - 05	07/11/18-18:40 2A1810010

ND=Non-Detected. PQL=Practical Quantitation Limit. * PQL adjusted for dilution.

MDA = Minimum Detectable Activity (Calculated at the 95% confidence level) = Data utilized by DHS to determine matrix interference.
MCL / AL = Maximum Contamination Level / Action Level. Alpha's Action Level of 5 pCi/L is based on the Assigned Value (AV).
AV = Assigned Value(Gross Alpha Result + (0.84 x Error)). CCR Section 64442: Drinking Water Compliance Note: Do the following
If Gross Alpha's (AV) exceeds 5 pCi/L run Uranium. If Gross Alpha's (AV) minus Uranium exceeds 5 pCi/L run Radium 226.

Drinking Water Compliance:
Gross Alpha (AV) minus Uranium is less than or equal to 15 pCi/L
Uranium is less than or equal to 20 pCi/L
Radium 226 + Radium 228 is less than or equal to 5 pCi/L

Note: Samples are held for 3-6 months prior to disposal.

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July 26, 2018 Lab ID : SP 1808558
Pat-Chem Laboratories Customer : 2-12670

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals								
Mercury	245.1	06/29/18:207627amb	Blank	ug/L		ND	<0.02	
			LCS	ug/L	0.2000	101 %	85-115	
			MS	ug/L	0.2000	107 %	75-125	
		(SP 1808558-001)	MSD	ug/L	0.2000	118 %	75-125	
			MSRPD	ug/L	0.2000	9.7%	≤20	
	245.1	06/29/18:209504AC	CCV	ppt	200.0	103 %	90-110	
			CCB	ppt		-2.5	20	
			CCV	ppt	200.0	108 %	90-110	
			CCB	ppt		-3.0	20	
Wet Chem								
Perchlorate	314.0	07/05/18:207914MCA	Blank	ug/L		ND	<2	
			LCS	ug/L	25.00	104 %	85-115	
			MS	ug/L	25.00	85.5 %	80-120	
		(SP 1808479-001)	MSD	ug/L	25.00	85.0 %	80-120	
			MSRPD	ug/L	25.00	0.6%	≤15	
	314.0	07/05/18:209731MCA	ICB	ppb		0.00	2.0	
			ICV	ppb	2.000	107 %	85-115	
			CCB	ppb		0.00	2.0	
			CCV	ppb	10.00	108 %	85-115	

Definition

ICV	: Initial Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
ICB	: Initial Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
CCV	: Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
CCB	: Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
Blank	: Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
LCS	: Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.
MS	: Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
MSD	: Matrix Spike Duplicate of MS/MSD pair - A random sample duplicate is spiked with a known amount of analyted. The recoveries are an indication of how that sample matrix affects analyte recovery.
MSRPD	: MS/MSD Relative Percent Difference (RPD) - The MS relative percent difference is an indication of precision for the preparation and analysis.
ND	: Non-detect - Result was below the DQO listed for the analyte.
DQO	: Data Quality Objective - This is the criteria against which the quality control data is compared.

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July 26, 2018 Lab ID : SP 1808558
Pat-Chem Laboratories Customer : 2-12670

Quality Control - Radio

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Radio								
Alpha	900.0	07/09/18:209781AAT	CCV	cpm	8476	41.2 %	35-47	
			CCB	cpm		0.1200	0.21	
Beta	900.0	07/09/18:209781AAT	CCV	cpm	8476	88.3 %	83-94	
			CCB	cpm		0.3800	0.51	
Gross Alpha	900.0	07/05/18:207829iwc	Blank	pCi/L		0.77	3	
			LCS	pCi/L	93.94	100 %	75-125	
			MS	pCi/L	93.94	109 %	60-140	
		(SP 1807634-001)	MSD	pCi/L	93.94	79.5 %	60-140	
			MSRPD	pCi/L	93.94	28.9%	≤30	
Gross Beta	900.0	07/05/18:207829iwc	Blank	pCi/L		0.11	4	
			LCS	pCi/L	69.98	110 %	84-160	
			MS	pCi/L	69.98	77.0 %	80-130	435
		(SP 1807634-001)	MSD	pCi/L	69.98	141 %	80-130	435
			MSRPD	pCi/L	93.94	51.9%	≤30	435
Alpha	903.0	07/13/18:210045AAT	CCV	cpm	8109	40.7 %	37-46	
			CCB	cpm		0.0800	0.16	
Total Alpha Radium (226)	903.0	07/05/18:207863emv	RgBlk	pCi/L		0.008	2	
			LCS	pCi/L	24.20	67.8 %	52-107	
			BS	pCi/L	24.20	66.5 %	43-111	
			BSD	pCi/L	24.20	62.6 %	43-111	
			BSRPD	pCi/L	24.20	6.0%	≤35.5	
Beta	905.0	07/10/18:209934emv	CCV	cpm	8475	88.1 %	85-93	
			CCB	cpm		0.3800	0.58	
Total Strontium	905.0	07/02/18:207714emv	RgBlk	pCi/L		0.14	2	
			LRS	pCi/L	17.88	133 %	53-133	
			BS	pCi/L	17.87	90.5 %	75-125	
			BSD	pCi/L	17.87	87.0 %	75-125	
			BSRPD	pCi/L	17.87	3.9%	≤20	
Tritium	906.0	07/12/18:208112aat	Blank	pCi/L		116	<300	
			LCS	pCi/L	1731	92.9 %	75-125	
			BS	pCi/L	1731	81.4 %	75-125	
			BSD	pCi/L	1731	87.3 %	75-125	
			BSRPD	pCi/L	1731	6.5%	≤25	
	906.0	07/13/18:210043aat	CCV	pCi/L	27180	100 %	90-110	
			CCB	pCi/L		137	500	
Alpha	908.0	07/13/18:210074AAT	CCV	cpm	8109	40.1 %	36-45	
			CCB	cpm		0.1200	0.16	
Uranium	908.0	07/05/18:207841aat	RgBlk	pCi/L		0.06	1	
			LRS	pCi/L	26.84	63.6 %	54-105	
			BS	pCi/L	26.84	107 %	75-125	
			BSD	pCi/L	26.84	101 %	75-125	
			BSRPD	pCi/L	26.84	5.4%	≤20	
Beta	Ra - 05	07/11/18:210010emv	CCV	cpm	8475	87.9 %	84-94	
			CCB	cpm		0.4400	0.58	
Ra 228	Ra - 05	07/07/18:207715emv	RgBlk	pCi/L		-0.10	3	
			LRS	pCi/L	32.18	74.2 %	65-108	
			BS	pCi/L	32.18	96.6 %	75-125	
			BSD	pCi/L	32.18	105 %	75-125	
			BSRPD	pCi/L	32.18	8.4%	≤25	

Definition

CCV	: Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
CCB	: Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
Blank	: Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
RgBlk	: Method Reagent Blank - Prepared to correct for any reagent contributions to sample result.
LCS	: Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.

July 26, 2018 Lab ID : SP 1808558

Pat-Chem Laboratories Customer : 2-12670

Quality Control - Radio

Definition	
LRS	: Laboratory Recovery Standard - Prepared to establish the batch recovery factor used in result calculations.
MS	: Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
MSD	: Matrix Spike Duplicate of MS/MSD pair - A random sample duplicate is spiked with a known amount of analyted. The recoveries are an indication of how that sample matrix affects analyte recovery.
BS	: Blank Spikes - A blank is spiked with a known amount of analyte. It is prepared to verify that the preparation process is not affecting analyte recovery.
BSD	: Blank Spike Duplicate of BS/BSD pair - A blank duplicate is spiked with a known amount of analyte. It is prepared to verify that the preparation process is not affecting analyte recovery.
MSRPD	: MS/MSD Relative Percent Difference (RPD) - The MS relative percent difference is an indication of precision for the preparation and analysis.
BSRPD	: BS/BSD Relative Percent Difference (RPD) - The BS relative percent difference is an indication of precision for the preparation and analysis.
ND	: Non-detect - Result was below the DQO listed for the analyte.
DQO	: Data Quality Objective - This is the criteria against which the quality control data is compared.
Explanation	
435	: Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.

LA Testing
520 Mission Street South Pasadena, CA 91030
Phone/Fax: (323) 254-9960 / (323) 254-9982
http://www.LATesting.com / pasadenalab@latesting.com

LA Testing Order ID: 321814981
Customer ID: PTCM42
Customer PO:
Project ID:

Attn: Steve Jefferson
Pat Chem Laboratories
1824 1st St
San Fernando, CA 91340

Phone: (805) 532-0012
Fax:
Collected: 06/28/2018
Received: 07/02/2018
Analyzed: 07/09/2018

Proj: 18F0598

Test Report: Determination of Asbestos Structures >10µm in Drinking Water Performed by the 100.2 Method (EPA 600/R-94/134)

Sample ID Client / EMSL	Sample Filtration Date/Time	Original Sample Vol. Filtered (ml)	Effective Filter Area (mm²)	Area Analyzed (mm²)	ASBESTOS Asbestos Types	Fibers Detected	Analytical Sensitivity	Concentration	Confidence Limits
								MFL (million fibers per liter)	
EFF 321814981-0001	7/2/2018 02:25 PM	100	1288	0.0645	None Detected	ND	0.20	<0.20	0.00 - 0.74

Sample ozonated prior to analysis due to lab receipt time exceeding 48hr method hold time.

Analyst(s)
Feng Liang (1)

Jerry Drapala Ph.D, Laboratory Manager
or Other Approved Signatory

Any questions please contact Jerry Drapala.

Initial report from: 07/09/2018 18:59:13

Sample collection and containers provided by the client, acceptable bottle blank level is defined as ≤0.01MFL>10um. ND=None Detected. This report relates only to those items tested. This report may not be reproduced, except in full, without written permission by LA Testing. Samples received in good condition unless otherwise noted.

Samples analyzed by LA Testing South Pasadena, CA CA ELAP 2283

PAT-CHEM LABORATORIES
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Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 27-Jul-18 10:05
Subject: (MCC) Quarterly

Project/P.O.#: (MCC) Quarterly

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0598-01) Collected: 28-Jun-18 By IPC						
Silver	EPA 200.8	AF82918	0.2	05-Jul-18 (AF)	<0.2 ug/l	
Aluminum	EPA 200.8	AF82918	5.0	05-Jul-18 (AF)	95 ug/l	
Arsenic	EPA 200.8	AF82918	0.5	05-Jul-18 (AF)	1.1 ug/l	
Barium	EPA 200.8	AF82918	0.5	05-Jul-18 (AF)	17 ug/l	
Beryllium	EPA 200.8	AF82918	0.2	05-Jul-18 (AF)	<0.2 ug/l	
Cadmium	EPA 200.8	AF82918	0.2	05-Jul-18 (AF)	<0.2 ug/l	
Chromium	EPA 200.8	AF82918	0.2	05-Jul-18 (AF)	5.6 ug/l	
Copper	EPA 200.8	AF82918	0.2	05-Jul-18 (AF)	1.2 ug/l	
Iron	EPA 200.7	AF82908	0.02	03-Jul-18 (AF)	<0.02 mg/l	
Mercury	EPA 245.1	AG81018	0.20	10-Jul-18 (AF)	<0.20 ug/l	
Manganese	EPA 200.8	AF82918	0.5	05-Jul-18 (AF)	3.4 ug/l	
Nickel	EPA 200.8	AF82918	0.5	05-Jul-18 (AF)	4.2 ug/l	
Lead	EPA 200.8	AF82918	0.2	05-Jul-18 (AF)	<0.2 ug/l	
Antimony	EPA 200.8	AF82918	1.0	05-Jul-18 (AF)	<1.0 ug/l	
Selenium	EPA 200.8	AF82918	2.0	05-Jul-18 (AF)	3.2 ug/l	
Thallium	EPA 200.8	AF82918	1.0	05-Jul-18 (AF)	<1.0 ug/l	
Uranium	EPA 200.8	AF82918	1.0	05-Jul-18 (AF)	3.3 ug/l	
Zinc	EPA 200.8	AF82918	1.0	05-Jul-18 (AF)	12 ug/l	
1,2-Dibromoethane (EDB)	EPA 504.1	AG81135	0.02	11-Jul-18 (SJ)	<0.02 ug/l	
1,2-Dibromo-3-Chloropropane (DBCP)	EPA 504.1	AG81135	0.01	11-Jul-18 (SJ)	<0.01 ug/l	
Bis(2-ethylhexyl)phthalate	EPA 506	AG80229	2.0	05-Jul-18 (SJ)	<2.0 ug/l	
Bis(2-ethylhexyl)adipate	EPA 506	AG80229	2.0	05-Jul-18 (SJ)	<2.0 ug/l	
Surrogate: o-Terphenyl	*EPA 506*	*AG80229*		*05-Jul-18 (SJ)*	*50.5 % (50-120)*	
Alachlor	EPA 507	AF82914	0.2	05-Jul-18 (SJ)	<0.2 ug/l	
Atrazine	EPA 507	AF82914	0.2	05-Jul-18 (SJ)	<0.2 ug/l	
Molinate	EPA 507	AF82914	0.2	05-Jul-18 (SJ)	<0.2 ug/l	
Simazine	EPA 507	AF82914	0.2	05-Jul-18 (SJ)	<0.2 ug/l	
Thiobencarb (Bolero)	EPA 507	AF82914	0.2	05-Jul-18 (SJ)	<0.2 ug/l	

Respectfully Submitted,

Steve Jefferson 7/27/2018
Laboratory Director

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PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0598-01) Collected: 28-Jun-18 By IPC						
Surrogate: 1,3-Dimethyl-2-nitrobenzei	*EPA 507*	*AF82914*		*05-Jul-18 (SJ)*	*54.3 % (40-120)*	
Gamma-BHC(Lindane)	EPA 508	AF82907	0.01	05-Jul-18 (SJ)	<0.01 ug/l	
Heptachlor	EPA 508	AF82907	0.01	05-Jul-18 (SJ)	<0.01 ug/l	
Heptachlor Epoxide	EPA 508	AF82907	0.01	05-Jul-18 (SJ)	<0.01 ug/l	
Endrin	EPA 508	AF82907	0.01	05-Jul-18 (SJ)	<0.01 ug/l	
Methoxychlor	EPA 508	AF82907	0.05	05-Jul-18 (SJ)	<0.05 ug/l	
Hexachlorocyclopentadiene	EPA 508	AF82907	1.0	05-Jul-18 (SJ)	<1.0 ug/l	
Hexachlorobenzene	EPA 508	AF82907	0.5	05-Jul-18 (SJ)	<0.5 ug/l	
Chlordane	EPA 508	AF82907	0.1	05-Jul-18 (SJ)	<0.1 ug/l	
Toxaphene	EPA 508	AF82907	0.5	05-Jul-18 (SJ)	<0.5 ug/l	
Aroclor 1016	EPA 508	AF82907	0.5	05-Jul-18 (SJ)	<0.5 ug/l	
Aroclor 1221	EPA 508	AF82907	0.5	05-Jul-18 (SJ)	<0.5 ug/l	
Aroclor 1232	EPA 508	AF82907	0.5	05-Jul-18 (SJ)	<0.5 ug/l	
Aroclor 1242	EPA 508	AF82907	0.5	05-Jul-18 (SJ)	<0.5 ug/l	
Aroclor 1248	EPA 508	AF82907	0.5	05-Jul-18 (SJ)	<0.5 ug/l	
Aroclor 1254	EPA 508	AF82907	0.5	05-Jul-18 (SJ)	<0.5 ug/l	
Aroclor 1260	EPA 508	AF82907	0.5	05-Jul-18 (SJ)	<0.5 ug/l	
Surrogate: Tetrachloro-m-xylene	*EPA 508*	*AF82907*		*05-Jul-18 (SJ)*	*51.0 % (50-120)*	
Surrogate: Decachlorobiphenyl	*EPA 508*	*AF82907*		*05-Jul-18 (SJ)*	*85.0 % (50-120)*	
Bentazon	EPA 515.1	AG80236	0.2	10-Jul-18 (SJ)	<0.2 ug/l	
2,4-D	EPA 515.1	AG80236	0.2	10-Jul-18 (SJ)	<0.2 ug/l	
Dalapon	EPA 515.1	AG80236	2.0	10-Jul-18 (SJ)	<2.0 ug/l	
Dinoseb	EPA 515.1	AG80236	0.2	10-Jul-18 (SJ)	<0.2 ug/l	
Pentachlorophenol (PCP)	EPA 515.1	AG80236	0.2	10-Jul-18 (SJ)	<0.2 ug/l	
Picloram	EPA 515.1	AG80236	0.2	10-Jul-18 (SJ)	<0.2 ug/l	
2,4,5-TP	EPA 515.1	AG80236	0.2	10-Jul-18 (SJ)	<0.2 ug/l	
Surrogate: 2,4-DCAA	*EPA 515.1*	*AG80236*		*10-Jul-18 (SJ)*	*69.3 % (60-140)*	

Respectfully Submitted,

Steve Jefferson 7/27/2018
Laboratory Director

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Project/P.O.#: (MCC) Quarterly

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0598-01) Collected: 28-Jun-18 By IPC						
Benzene	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
Bromodichloromethane	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
Bromoform	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
Carbon tetrachloride	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
c-1,2-Dicholoroethene	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
Chlorobenzene	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
Chloroform	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
Dibromochloromethane	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
1,2-Dichlorobenzene	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
1,4-Dichlorobenzene	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
1,2-Dichloroethane	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
1,1-Dichloroethane	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
1,3-Dichloropropane	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
1,2-Dichloropropane	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
Ethylbenzene	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
Methyl tert-butyl ether	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
Methylene chloride	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
Styrene	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
t-1,2-Dichloroethene	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
1,1,2,2-Tetrachloroethane	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
Tetrachloroethene	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
Toluene	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
1,2,4-Trichlorobenzene	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
1,1,1-Trichloroethane	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
1,1,2-Trichloroethane	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
Trichloroethene	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
Trichlorofluoromethane (Freon 11)	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
1,1,2-Trichloro-1,2,2-trifluoroethane	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
Vinyl chloride	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	

Respectfully Submitted,

Steve Jefferson 7/27/2018
Laboratory Director

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Project/P.O.#: (MCC) Quarterly

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0598-01) Collected: 28-Jun-18 By IPC						
o-Xylene	EPA 524.2	AG81029	0.5	11-Jul-18 (SJ)	<0.5 ug/l	
m,p-Xylene	EPA 524.2	AG81029	1.0	11-Jul-18 (SJ)	<1.0 ug/l	
Surrogate: Dibromofluoromethane	*EPA 524.2*	*AG81029*		*11-Jul-18 (SJ)*	*102 % (80-120)*	
Surrogate: Toluene-d8	*EPA 524.2*	*AG81029*		*11-Jul-18 (SJ)*	*97.2 % (80-120)*	
Surrogate: Bromofluorobenzene	*EPA 524.2*	*AG81029*		*11-Jul-18 (SJ)*	*90.6 % (80-120)*	
Carbofuran	EPA 632	AG80322	0.5	12-Jul-18 (SJ)	<0.5 ug/l	
Oxamyl	EPA 632	AG80322	1.0	12-Jul-18 (SJ)	<1.0 ug/l	
Chloroacetic Acid	EPA 552.2	AG81227	1.0	13-Jul-18 (SJ)	<1.0 ug/l	
Bromoacetic Acid	EPA 552.2	AG81227	1.0	13-Jul-18 (SJ)	3.1 ug/l	
Dichloroacetic Acid	EPA 552.2	AG81227	1.0	13-Jul-18 (SJ)	<1.0 ug/l	
Trichloroacetic Acid	EPA 552.2	AG81227	1.0	13-Jul-18 (SJ)	<1.0 ug/l	
Dibromoacetic Acid	EPA 552.2	AG81227	10.0	13-Jul-18 (SJ)	31.8 ug/l	
Haloacetic Acids (HAA5)	EPA 552.2	AG81227	1.0	13-Jul-18 (SJ)	34.9 ug/l	
Surrogate: 2,3-Dibromopropionic Acid	*EPA 552.2*	*AG81227*		*13-Jul-18 (SJ)*	*127 % (60-140)*	
Naphthalene	EPA 550	AG80240	0.05	13-Jul-18 (SJ)	<0.05 ug/l	
Acenaphthylene	EPA 550	AG80240	0.05	13-Jul-18 (SJ)	<0.05 ug/l	
Acenaphthene	EPA 550	AG80240	0.05	13-Jul-18 (SJ)	<0.05 ug/l	
Fluorene	EPA 550	AG80240	0.05	13-Jul-18 (SJ)	<0.05 ug/l	
Phenanthrene	EPA 550	AG80240	0.05	13-Jul-18 (SJ)	<0.05 ug/l	
Anthracene	EPA 550	AG80240	0.05	13-Jul-18 (SJ)	<0.05 ug/l	
Fluoranthene	EPA 550	AG80240	0.05	13-Jul-18 (SJ)	<0.05 ug/l	
Pyrene	EPA 550	AG80240	0.05	13-Jul-18 (SJ)	<0.05 ug/l	
Benzo (a) anthracene	EPA 550	AG80240	0.05	13-Jul-18 (SJ)	<0.05 ug/l	
Chrysene	EPA 550	AG80240	0.05	13-Jul-18 (SJ)	<0.05 ug/l	
Benzo (b) fluoranthene	EPA 550	AG80240	0.05	13-Jul-18 (SJ)	<0.05 ug/l	
Benzo (k) fluoranthene	EPA 550	AG80240	0.05	13-Jul-18 (SJ)	<0.05 ug/l	
Benzo (a) pyrene	EPA 550	AG80240	0.05	13-Jul-18 (SJ)	<0.05 ug/l	
Dibenz (a,h) anthracene	EPA 550	AG80240	0.05	13-Jul-18 (SJ)	<0.05 ug/l	
Benzo (g,h,i) perylene	EPA 550	AG80240	0.05	13-Jul-18 (SJ)	<0.05 ug/l	

Respectfully Submitted,

Steve Jefferson 7/27/2018
Laboratory Director

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PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0598-01) Collected: 28-Jun-18 By IPC						
Indeno (1,2,3-cd) pyrene	EPA 550	AG80240	0.05	13-Jul-18 (SJ)	<0.05 ug/l	
Surrogate: Decafluorobiphenyl	*EPA 550*	*AG80240*		*13-Jul-18 (SJ)*	*60.7 % (45-120)*	
Cyanide (total)	SM 4500-CN-E	AG80318	0.005	03-Jul-18 (SGS)	<0.005 mg/l	
MBAS	SM 5540C	AF82906	0.20	29-Jun-18 (PL)	<0.20 mg/l	
Color	SM 2120 C	AF82905	5.0	29-Jun-18 (LA)	29.6 CU	
Odor	SM 2150B	AG80324	1	28-Jun-18 (SJ)	<1 T.O.N.	
Bromate	EPA 300.0	AG81137	5.0	12-Jul-18 (SJ)	<5.0 ug/l	
Chlorite	EPA 300.0	AG81130	20.0	11-Jul-18 (SJ)	<20.0 ug/l	
Fluoride	EPA 300.0	AG80244	0.10	05-Jul-18 (PL)	1.05 mg/l	

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 7/27/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1805798

Customer: IPC, Inc.		Project : **(MCC) Quarterly EFF**	
Address: 9297 Research Drive		Sampled by: Golan Kfir	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	6/28/18	11:45	1	Ag, Al, Sb, As, Ba, Be, Cd, Cr, Cu, Fe, ~~Mg, Hg, Ni, Se, Tl, Zn~~	Grab	AQ	1L P	HN	
	〃	〃	1	F, Bromate, Chlorite, Color, Odor, pH	Grab	AQ	1L P	4°C	
	〃	〃	1	CN	Grab	AQ	250 P	OH, ~~AA~~	
	〃	〃	1	MBAS	Grab	AQ	500 P	4°C	
	〃	〃	1	Perchlorate	Grab	AQ	500 P	4°C	
	〃	〃	8	524, 504, 552, 552.2,	Grab	AQ	VOA	4°C	
	〃	〃	6	507, 515, 632, 508, 550, 506,	Grab	AQ	1L G	4°C	
	〃	〃	5	Asbestos, Diquat, Endothall, Glphosate, ~~Dioxon- 2,3,7,8 TCCD~~	Grab	AQ	1L G	4°C	
	〃	〃	6	Radioactive - Radium-226 & 228,Gross ~~Alpha, Gross Beta, Strontium-90 Tritium,~~	Grab	AQ	1L G	4°C	
	〃	〃	1	Uranium	Grab	AQ	1L G	4°C	

Signature	Print Name (Company)	Date	Time
Relinquished by GL	Golan IPC	6/28/18	
Received by	C-Tafur PCL	6/28/18	1237
Relinquished by	C-Tafur PCL	6/28/18	1500
Received by			
Relinquished by			
Received in lab by		6/28/18	1527

Sample Received Checklist 4°C

Temperature upon receipt: _____

# of bottles agrees with COC? (Yes) No

Samples intact? (Yes) No

Samples properly preserved? (Yes) No

Samples in holding time? (Yes) No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type
(Grab) ~~Comp~~

Matrix
(AQ - Water)
SO -Soil / Sludge
OT - Other

Bottle Type
(P - Plastic)
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
Al - $AlCl_3$
Cu - $CuSO_4$

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

"Terms and Conditions" means these Terms and Conditions of sale, including the price schedule, and any addenda or amendments to such which are agreed to in writing. "Client" means the individual or entity who may request laboratory services, consulting or sampling services and his or its heirs, successors, assigns and representatives. "Price Schedule" means Pat-Chem Laboratories (PCL) standard price schedule as such document may be amended or reissued from time to time by PCL.

2. Independent Contractor

PCL acts solely as an independent contractor in performing all services.

3. Orders and Acceptance

PCL offers and will accept orders for services (as defined herein) only under the following General Terms and Conditions (the "Terms"). These Terms shall not apply if PCL and the Client shall have executed a separate agreement in writing which does not incorporate the Terms. All modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of the Client and PCL.

The client may order services by submitting a written chain of custody (COC) to PCL. Any such order constitutes 1. an acceptance by the client of PCL's offer to do business with the client under the terms and conditions and 2. an agreement to be bound by these terms and conditions. The Client's delivery of samples to PCL or its agent for compiling services constitutes the client's agreement as well to be governed by these terms and conditions. No conditions or additional terms and conditions expressed in a client's document shall be deemed to become a part of the contract created upon acceptance of the foregoing conditions.

For purpose of this agreement, "services" shall mean all work to be performed for the client, including provision of all equipment and materials to be furnished by PCL.

4. Limit of Liability

PCL will perform the services in accordance with the normal standards of workmanship in the industry where applicable. PCL will use analytical methodologies which are in substantial conformity with the U.S. Environmental Protection Agency (EPA), 24 Watershield (ELAP), American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods (SM) of the Examination of Water and Wastewater and/or other recognized methodologies. PCL reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the samples or otherwise based on the reasonable judgement of PCL. Deviations, if any, will be made on a basis consistent with the recognized standards of the industry and/or PCL Standard Operating Procedures (SOP) and/or our QA/QC policies. The total liability of PCL, its officers, agents, employees or successors to the client arising out of or in connection with the services to be provided herein, shall not exceed the invoiced amount for said services. Client's acceptance of a work order and/or proposal releases PCL from any liability in excess of the invoiced amount for the services notwithstanding any provisions to the contrary in any client purchase orders or contracts.

5. Clients Responsibility

Unless PCL personnel performs the sampling, the client shall be responsible for the condition which the samples are collected and for conditions in and about the sampling site and for advising PCL of the scope and all information required to enable PCL to perform its services safely and efficiently.

6. Cancellation

Client may cancel any order for services hereunder subject to payment for all services rendered and out-of-pocket expenses incurred up to the date of cancellation in accordance with the applicable Price Schedule.

7. Overriding Agreement

The parties agree that the Terms shall govern performance of Client's initial order and all subsequent orders for additional services, whether placed in writing or verbally, except to the extent the Terms are modified in writing and executed by an authorized representative of both parties.

8. Force Majeure

PCL shall not be responsible for delay or failure to perform the services pursuant to this agreement due to causes beyond its control.

9. Confidentiality

Data and the samples strictly proprietary to Client or of Client's request and the results returned by PCL or its agent or subcontractors (unless such information is generally available to the public or is the public domain or client has filed to pay PCL for all services rendered or is otherwise in breach of the agreement) subject to any disclosure required by law or legal process. PCL shall use the same standard of care it uses in protecting its own confidential data and shall not be responsible for inadvertent disclosure of proprietary information obtained from PCL reports and information provided herein and for the exclusive use and benefit of client and client agrees there shall be no third party beneficiaries of such reports, data or information. Client without disclosure to any third party any information concerning technical know-how, processes or other formulations.

10. Hold Harmless

Client releases and shall save, indemnify, defend and hold PCL its employees, officers, directors, agents, affiliates, subsidiaries and parent harmless from and against any and all liabilities, losses or damages, claims, demands, causes of action, suits and related expenses including, but not limited to, attorney's fees (the "Losses") asserted and/or payable owing in favor of Client or any third party as a result, and/or in any way occurring, incident to arising out of, or in connection with the performance of services by PCL pursuant to this agreement and/or from correction, handling or disposal of client's hazardous materials, i.e. liquids, wastes or samples of persons, or loss of, damage to, loss of, or loss of use of property and/or 3. environmental of every kind of character. This indemnity does not apply to any of the foregoing losses, costs, damages and/or claims caused solely by the gross negligence or willful misconduct of PCL or its employees. Further, this indemnity shall specifically apply to claims, damages, actions of every kind and character arising out of or in connection with the negligence or breach of contract by any Unidentified Person, whether actual or alleged, in the performance of services under this agreement. The foregoing indemnities will be in addition to any liability which the Client might have to PCL and the other Indemnified Persons. To the extent not covered under applicable law, Client agrees that its indemnification will be supported by available liability insurance coverage to be furnished by Client, which insurance shall be in the minimum amounts permitted under applicable law. In no event shall PCL be liable to Client for indirect, punitive, special, incidental or consequential damages including, without limitation, loss of profit or business interruption, litigation expenses or other loss including, without limitation, attorney's fees, court costs, and/or pre or post judgment interest, or any other expenses or costs incurred by Client or any other party in any litigation arising or involving PCL or any Indemnified Person in connection with this agreement or all services provided under this agreement even if client or the prevailing party.

11. Hazardous Substances

For PCL to perform the services requested by client, client will provide and PCL will review samples materials for analysis such as asbestos, polychlorinated biphenyls, batteries or any other hazardous or toxic material, wastes and pollutants which are defined, determined or classified as such under federal, state or local laws, rules, PCL policies or regulations (whether now existing or hereafter enacted or promulgated or any judicial or administrative interpretation of any thereof the "Hazardous Materials"). Client understands and agrees that any hazardous material received by PCL from client or at client's request shall remain the property of Client and that upon completion of PCL's services, PCL will dispose of all unused portions of samples as specified by client or by PCL's QA/QC policies. In the event the client does not specify its preferred method of disposal, PCL will return to the client all unused samples which contain Hazardous Materials. PCL reserves the right to charge the client for the disposal of unused samples in accordance with PCL's current sample disposal policy. In addition, all samples received by PCL for any lab personal analysis client will be charged a sample disposal fee, per sample submitted, in accordance with our QA/QC policies and price lists.

12. Prices/Payments

Client shall pay PCL in accordance with PCL's applicable price schedule in effect at the time of completion of the work the services were rendered or work was commenced and later confirmed in writing. The price schedule is subject to change at any time without notice. Payment in advance or when analysis is completed is required for all new clients. To establish a history of payment and/or credit, accounts may be established with PCL. For those clients with an established credit account, the terms for payment of charges are NET CASH within thirty (30) days from date of invoices. To the fullest extent permitted by law, any amounts unpaid at the end of thirty (30) days is subject to interest at the lesser of the maximum rate permitted by law or one and one half percent (1.5%) per month on the unpaid balances. If unpaid amounts are turned over for collection and/or are referred to attorneys for suit, proceedings or by an attorney, the client shall pay reasonable costs and attorney's fees or agents' fees associated with such collection procedures or efforts.

13. Agreement Modification

Changes, modifications or amendments to the terms shall be effective only in writing and executed by an officer of PCL and by client's authorized representative. Provided that subsequent orders for additional services may be verbal or in writing.

14. No Third Party Beneficiaries: No Right of Reliance

PCL shall have no responsibility or liability for client's use of or reliance on data, information, or reports furnished by PCL. Client is acquiring services hereunder for its own account, and not as agent or broker, or in any other representative capacity for any other person or entity. It is agreed and acknowledged that there are no third party beneficiaries to this agreement, and that no third party may rely on such data, information or reports. Client represents, warrants, and agrees that said data, information and reports are not transmitted, or shall be used to relied upon, in connection with or as part of the purchase, sale, underwriting, or distribution of any securities, any periodic or other reporting to the holders of any security, the updating, amendment, renewal, or extension of any loan from any financial institution or other lender or the certification to or contracting with directly or indirectly, any governmental agency or department.

15. Rush Analysis

Rush analyses are available for an additional charge and must be arranged in advanced. If, for any unforeseen reason, the rush turnaround time cannot be met, the normal price will apply.

16. Holding Times

PCL cannot be responsible for holding times that are exceeded because of samples that are delivered on weekends or after 2pm on weekdays without prior notification and acceptance. Standard holding times and storage conditions should be reviewed prior to any samples being received by PCL. A list of holding times can be provided to the client of request. For analytes with holding times of 14 days or less, samples must arrive within 96 hours to allow PCL to meet holding times without applying a rush surcharge. For short holding times, 7-7 days, samples must be at the lab within 24 hours before expiration to insure that the holding times can be met. Short Holding Times of 48 hours or less therefore must be delivered that same day to insure to guarantee holding times are met. After hours, late deliveries, weight complaints, delays or similar issues are subject to additional rush fees and/or the inability to meet holding times. All holding times are in effect as of the publication date of this fee schedule and are subject to change without notice.

17. Sample Retention

All samples are retained for at least thirty (30) days after analysis has been completed. Sample storage for longer periods may be requested only. Pre-arranged long term storage is subject to an additional charge. Samples will be discarded at the end of the pre-arranged storage time.

18. Sample Pick Up/Field Tech Sampling

All pick up/sampling fees have been notated on the fee schedule. Reasonable time has been allocated for each pick up or service. Unnecessary delays during the pick up or sampling, might be assessed an additional fee.

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 12-Jul-18 19:00
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0627-01) Collected: 29-Jun-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AF82916	2	04-Jul-18 (EG)	<2 mg/l	
pH	SM4500-H-B	AG80234	0.1	29-Jun-18 (SS)	7.2 pH Units	
Residual Chlorine	SM 4500 Cl-G	AF82921	0.05	29-Jun-18 (JC)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AF82913	1.8	01-Jul-18 (JC)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AF82913	1.8	01-Jul-18 (JC)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 7/12/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 18F0627

Customer: IPC, Inc.		**Project:** (MCC) Daily EFF	
Address: 9297 Research Drive		**Sampled by:** Carlos Alvarez	**P.O. #:**
Irvine	CA 92618	**Report Attention:** Ric Vardel / Golan Kfir	**Phone #:** 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserve	Field Data (pH / Temperature) pH: Field Lab
EFF	06/29/18	1145	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
"	"	"	1	BOD	Grab	AQ	1L P	4°C	
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	
Geotracker EDD:									
Logcode: IPCI									
Global ID: WDR100000359									

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (SEC)	06/29/18	1300
Received by		Carlos pick	6/29/18	1300
Relinquished by		Carlos C pick	6/29/18	1400
Received by				
Relinquished by				
Received in lab by		Alex Walker JR	6/29/18	1400

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Sample Received Checklist

Temperature upon receipt: 4°

# of bottles agrees with COC? Yes No
Samples intact? Yes No
Samples properly preserved? Yes No
Samples in holding time? Yes No

Compliance Monitor

Initial Flow _____
Final Flow _____

Sample Type
Grab
Comp

Matrix
AQ - Water
SO - Soil / Sludge
OT - Other

Bottle Type
P - Plastic
G - Amber Glass
VOA - 40 ml Vial
Coli - bacteria

Preservations
HC - HCl
HS - H_2SO_4
HN - HNO_3
HP - H_3PO_4
OH - NaOH
ST - Sodium Thiosulfate
AA - Ascorbic Acid
AI - $AlCl_3$
Cu - $CuSO_4$

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15. Rush Analysis

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17. Sample Retention

18. Sample Pick Up/Field Tech Sampling

PAT-CHEM
LABORATORIES

QUALITY ANALYTICAL SERVICES SINCE 1987

1824 1st Street
San Fernando, CA 91340
(818) 639-5300 ph
(818) 639-5306 fx
pat-chem.com

Customer: **Integrated Performance Consultants, Inc.**
9297 Research Drive
Irvine CA, 92618

Attention: Ric Vardel
Report Date: 12-Jul-18 19:03
Subject: (MCC) Daily Effluent

Project/P.O.#: (MCC) Daily Effluent

PARAMETER	METHOD	QC BATCH	REPORTING LIMIT	ANALYZED (ANALYST)	RESULT	NOTE
EFF (Sample I.D.# : 18F0635-01) Collected: 30-Jun-18 By IPC						
Biochemical Oxygen Demand	SM 5210B	AG80132	2	06-Jul-18 (SGS)	<2 mg/l	
pH	SM4500-H-B	AG80234	0.1	30-Jun-18 (SS)	7.3 pH Units	
Residual Chlorine	SM 4500 Cl-G	AG80321	0.05	30-Jun-18 (LA)	<0.05 mg/l	
Fecal Coliforms	SM 9221E	AF83025	1.8	02-Jul-18 (PL)	<1.8 MPN/100 ml	
Total Coliforms	SM 9221B	AF83025	1.8	02-Jul-18 (PL)	<1.8 MPN/100 ml	

Notes and Definitions

Respectfully Submitted,

Steve Jefferson 7/12/2018
Laboratory Director

Pat-Chem Laboratories
1824 1st Street
San Fernando, CA 91340

CHAIN OF CUSTODY RECORD

Phone (818) 639-5300
Fax (818) 639-5306

Environmental Sample

Sample I.D.#: 1850635

Customer: IPC, Inc.		Project : (MCC) Daily EFF	
Address: 9297 Research Drive		Sampled by: Carlos Alvarez	P.O. #:
Irvine CA 92618		Report Attention: Ric Vardel / Golan Kfir	Phone #: 949-382-9067

Sample Description	Date Sampled	Time Sampled	# of bottles	Required Tests	Sample Type	Matrix	Bottle Type	Preserv.	Field Data (pH / Temperature) pH: Field Lab
EFF	06/30/18	0745	1	pH, T.Res.Chlorine	Grab	AQ	500 P	4°C	
"	"	"	1	BOD	Grab	AQ	1L P	4°C	
"	"	"	1	Total & Fecal Coliform	Grab	AQ	Coli	ST	

Geotracker EDD:
Logcode: IPCI
Global ID: WDR100000359

	Signature	Print Name (Company)	Date	Time
Relinquished by		Carlos Alvarez (CAC)	06/30/18	
Received by				
Relinquished by	Jose L Gomez	Jose L Gomez	6/30	1200
Received by				
Relinquished by				
Received in lab by		Jordan Corkery	6/30/18	1400

Sample Received Checklist

Temperature upon receipt: 4°C

# of bottles agrees with COC?	Yes No
Samples intact?	Yes No
Samples properly preserved?	Yes No
Samples in holding time?	Yes No

Compliance Monitor

Initial Flow _____

Final Flow _____

Sample Type	Preservations
Grab	HC - HCl
Comp	HS - H_2SO_4
Matrix	HN - HNO_3
AQ - Water	HP - H_3PO_4
SO - Soil / Sludge	OH - NaOH
OT - Other	ST - Sodium Thiosulfate
Bottle Type	AA - Ascorbic Acid
P - Plastic	Al - $AlCl_3$
G - Amber Glass	Cu - $CuSO_4$
VOA - 40 ml Vial	
Coli - bacteria	

Note: Samples are discarded 30 days after results are reported, unless other arrangements are made.

Rev 2 Effective 5/1/17

Pat-Chem Laboratories (PCL) Terms and Conditions

1. Definitions

2. Independent Contractor

3. Orders and Acceptance

4. Limit of Liability

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8. Force Majeure

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10. Hold Harmless

11. Hazardous Substances

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16. Holding Times

17. Sample Retention

18. Sample Pick Up/Field Tech Sampling

CALIFORNIA
Water Boards
STATE WATER RESOURCES CONTROL BOARD
REGIONAL WATER QUALITY CONTROL BOARDS

CALIFORNIA STATE

ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

CERTIFICATE OF ENVIRONMENTAL ACCREDITATION

Is hereby granted to

Pat-Chem Laboratories

11990 Discovery Court

Moorpark, CA 93021

Scope of the certificate is limited to the
"Fields of Testing"
which accompany this Certificate.

Continued accredited status depends on successful completion of on-site inspection, proficiency testing studies, and payment of applicable fees.

This Certificate is granted in accordance with provisions of Section 100825, et seq. of the Health and Safety Code.

Certificate No.: **1531**

Expiration Date: **5/31/2019**

Effective Date: **6/1/2017**

Sacramento, California
subject to forfeiture or revocation

Christine Sotelo, Chief
Environmental Laboratory Accreditation Program

CALIFORNIA STATE
ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM
Accredited Fields of Testing

Pat-Chem Laboratories

11990 Discovery Court
Moorpark, CA 93021
Phone: (805) 532-0012

Certificate No. 1531
Expiration Date 5/31/2019

Field of Testing: 101 - Microbiology of Drinking Water

101.010	001	Heterotrophic Bacteria	SM9215B
101.010	001	Heterotrophic Bacteria	SM9215B
101.010	002	Heterotrophic Bacteria	SimPlate
101.011	001	Heterotrophic Bacteria	SimPlate
101.020	001	Total Coliform P/A	SM9221B
101.020	002	Fecal Coliform P/A	SM 9221 B,E
101.020	003	E. coli P/A	SM 9221 B,F
101.050	001	Total Coliform P/A	SM9223B (Colilert)
101.050	001	Total Coliform P/A	SM9223B (Colilert)
101.050	002	E. coli P/A	SM9223B (Colilert)
101.050	002	E. coli P/A	SM9223B (Colilert)

Field of Testing: 102 - Inorganic Chemistry of Drinking Water

102.015	001	Hydrogen Ion (pH)	EPA 150.1
102.015	001	Hydrogen Ion (pH)	EPA 150.1
102.020	001	Turbidity	EPA 180.1
102.020	001	Turbidity	EPA 180.1
102.026	001	Calcium	EPA 200.7
102.026	002	Magnesium	EPA 200.7
102.026	003	Potassium	EPA 200.7
102.026	004	Silica	EPA 200.7
102.026	005	Sodium	EPA 200.7
102.026	006	Hardness (calculation)	EPA 200.7
102.030	001	Bromide	EPA 300.0
102.030	001	Bromide	EPA 300.0
102.030	002	Chlorate	EPA 300.0
102.030	002	Chlorate	EPA 300.0
102.030	003	Chloride	EPA 300.0
102.030	003	Chloride	EPA 300.0
102.030	004	Chlorite	EPA 300.0
102.030	004	Chlorite	EPA 300.0
102.030	005	Fluoride	EPA 300.0
102.030	005	Fluoride	EPA 300.0
102.030	006	Nitrate	EPA 300.0
102.030	006	Nitrate (as N)	EPA 300.0
102.030	007	Nitrite (as N)	EPA 300.0
102.030	007	Nitrite	EPA 300.0
102.030	008	Phosphate, Ortho (as P)	EPA 300.0
102.030	008	Phosphate, Ortho	EPA 300.0

As of 5/31/2017 , this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

102.030	009	Sulfate	EPA 300.0
102.030	010	Sulfate	EPA 300.0
102.045	001	Perchlorate	EPA 314.0
102.045	001	Perchlorate	EPA 314.0
102.060	001	Nitrate (as N) (Calculation)	EPA 353.2
102.060	001	Nitrate (as N) (Calculation)	EPA 353.2
102.061	001	Nitrite	EPA 353.2
102.061	001	Nitrite	EPA 353.2
102.070	001	Phosphate, Ortho	EPA 365.1
102.095	001	Turbidity	SM2130B-2001
102.095	001	Turbidity	SM2130B-2001
102.100	001	Alkalinity	SM2320B
102.100	001	Alkalinity	SM2320B-1997
102.120	001	Hardness (calculation)	SM2340B-1997
102.120	001	Hardness	SM2340B
102.121	001	Hardness	SM2340C
102.121	001	Hardness	SM2340C-1997
102.130	001	Conductivity	SM2510B-1997
102.130	001	Conductivity	SM2510B
102.140	001	Total Dissolved Solids	SM2540C
102.140	001	Residue, Filterable TDS	SM2540C-1997
102.147	001	Calcium	SM3120B-1999
102.147	002	Magnesium	SM3120B-1999
102.147	003	Potassium	SM3120B-1999
102.147	004	Silica	SM3120B-1999
102.147	006	Hardness (calculation)	SM3120B-1999
102.150	001	Chloride	SM4110B
102.150	002	Fluoride	SM4110B
102.150	003	Nitrate	SM4110B
102.150	004	Nitrite	SM4110B
102.150	005	Phosphate, Ortho	SM4110B
102.150	006	Sulfate	SM4110B
102.175	001	Chlorine, Free	SM4500-Cl G-2000
102.175	001	Chlorine, Free	SM4500-Cl G-2000
102.175	002	Chlorine, Total Residual	SM4500-Cl G-2000
102.175	002	Chlorine, Total Residual	SM4500-Cl G-2000
102.190	001	Cyanide, Total	SM4500-CN E
102.190	001	Cyanide, Total	SM4500-CN E
102.191	001	Cyanide, Total	SM4500-CN F
102.192	001	Cyanide, amenable	SM4500-CN G
102.200	001	Fluoride	SM4500-F C-1997
102.200	001	Fluoride	SM4500-F C
102.203	001	Hydrogen Ion (pH)	SM4500-H+ B-2000
102.203	001	Hydrogen Ion (pH)	SM4500-H+ B-2000
102.234	001	Nitrite (as N)	SM4500-NO3- F-2000
102.234	001	Nitrite	SM4500-NO3 F
102.234	002	Nitrate (as N)	SM4500-NO3- F-2000

102.234	002	Nitrate	SM4500-NO3 F
102.241	001	Phosphate, Ortho	SM4500-P F
102.260	001	Total Organic Carbon TOC	SM5310B-2000
102.260	001	Total Organic Carbon TOC	SM5310B
102.261	001	Dissolved Organic Carbon (DOC)	SM5310B-2000
102.261	001	Dissolved Organic Carbon (DOC)	SM5310B
102.270	001	Surfactants	SM5540C-2000
102.270	001	Surfactants	SM5540C
102.520	001	Calcium	EPA 200.7
102.520	002	Magnesium	EPA 200.7
102.520	003	Potassium	EPA 200.7
102.520	004	Silica	EPA 200.7
102.520	005	Sodium	EPA 200.7
102.520	006	Hardness (calculation)	EPA 200.7

Field of Testing: 103 - Toxic Chemical Elements of Drinking Water

103.030	001	Mercury	SM3112B
103.060	001	Aluminum	SM3120B
103.060	003	Barium	SM3120B
103.060	004	Beryllium	SM3120B
103.060	007	Chromium	SM3120B
103.060	008	Copper	SM3120B
103.060	009	Iron	SM3120B
103.060	011	Manganese	SM3120B
103.060	012	Nickel	SM3120B
103.060	015	Silver	SM3120B
103.060	017	Zinc	SM3120B
103.130	001	Aluminum	EPA 200.7
103.130	001	Aluminum	EPA 200.7
103.130	003	Barium	EPA 200.7
103.130	003	Barium	EPA 200.7
103.130	004	Beryllium	EPA 200.7
103.130	004	Beryllium	EPA 200.7
103.130	005	Cadmium	EPA 200.7
103.130	005	Cadmium	EPA 200.7
103.130	007	Chromium	EPA 200.7
103.130	007	Chromium	EPA 200.7
103.130	008	Copper	EPA 200.7
103.130	008	Copper	EPA 200.7
103.130	009	Iron	EPA 200.7
103.130	009	Iron	EPA 200.7
103.130	011	Manganese	EPA 200.7
103.130	011	Manganese	EPA 200.7
103.130	012	Nickel	EPA 200.7
103.130	012	Nickel	EPA 200.7
103.130	015	Silver	EPA 200.7
103.130	015	Silver	EPA 200.7
103.130	017	Zinc	EPA 200.7

103.130	017	Zinc	EPA 200.7
103.130	018	Boron	EPA 200.7
103.130	018	Boron	EPA 200.7
103.140	001	Aluminum	EPA 200.8
103.140	001	Aluminum	EPA 200.8
103.140	002	Antimony	EPA 200.8
103.140	002	Antimony	EPA 200.8
103.140	003	Arsenic	EPA 200.8
103.140	003	Arsenic	EPA 200.8
103.140	004	Barium	EPA 200.8
103.140	004	Barium	EPA 200.8
103.140	005	Beryllium	EPA 200.8
103.140	005	Beryllium	EPA 200.8
103.140	006	Cadmium	EPA 200.8
103.140	006	Cadmium	EPA 200.8
103.140	007	Chromium	EPA 200.8
103.140	007	Chromium	EPA 200.8
103.140	008	Copper	EPA 200.8
103.140	008	Copper	EPA 200.8
103.140	009	Lead	EPA 200.8
103.140	009	Lead	EPA 200.8
103.140	010	Manganese	EPA 200.8
103.140	010	Manganese	EPA 200.8
103.140	012	Nickel	EPA 200.8
103.140	012	Nickel	EPA 200.8
103.140	013	Selenium	EPA 200.8
103.140	013	Selenium	EPA 200.8
103.140	014	Silver	EPA 200.8
103.140	014	Silver	EPA 200.8
103.140	015	Thallium	EPA 200.8
103.140	015	Thallium	EPA 200.8
103.140	016	Zinc	EPA 200.8
103.140	016	Zinc	EPA 200.8
103.140	017	Boron	EPA 200.8
103.140	017	Boron	EPA 200.8
103.140	018	Vanadium	EPA 200.8
103.140	018	Vanadium	EPA 200.8
103.160	001	Mercury	EPA 245.1
103.160	001	Mercury	EPA 245.1
103.310	001	Chromium (VI)	EPA 218.6
103.310	001	Chromium (VI)	EPA 218.6

Field of Testing: 104 - Volatile Organic Chemistry of Drinking Water

104.030	001	1,2-Dibromoethane	EPA 504.1
104.030	001	1,2-Dibromoethane	EPA 504.1
104.030	002	1,2-Dibromo-3-chloropropane	EPA 504.1
104.030	002	1,2-Dibromo-3-chloropropane	EPA 504.1
104.030	003	1,2,3-Trichloropropane	EPA 504.1

104.030	003	1,2,3-Trichloropropane	EPA 504.1
104.035	001	1,2,3-Trichloropropane	SRL 524M-TCP
104.035	001	1,2,3-Trichloropropane	SRL 524M-TCP
104.040	000	Volatile Organic Compounds	EPA 524.2
104.040	000	Volatile Organic Compounds	EPA 524.2
104.040	001	Benzene	EPA 524.2
104.040	001	Benzene	EPA 524.2
104.040	007	n-Butylbenzene	EPA 524.2
104.040	007	n-Butylbenzene	EPA 524.2
104.040	008	sec-Butylbenzene	EPA 524.2
104.040	008	sec-Butylbenzene	EPA 524.2
104.040	009	tert-Butylbenzene	EPA 524.2
104.040	009	tert-Butylbenzene	EPA 524.2
104.040	010	Carbon Tetrachloride	EPA 524.2
104.040	010	Carbon Tetrachloride	EPA 524.2
104.040	011	Chlorobenzene	EPA 524.2
104.040	011	Chlorobenzene	EPA 524.2
104.040	015	2-Chlorotoluene	EPA 524.2
104.040	015	2-Chlorotoluene	EPA 524.2
104.040	016	4-Chlorotoluene	EPA 524.2
104.040	016	4-Chlorotoluene	EPA 524.2
104.040	019	1,3-Dichlorobenzene	EPA 524.2
104.040	019	1,3-Dichlorobenzene	EPA 524.2
104.040	020	1,2-Dichlorobenzene	EPA 524.2
104.040	020	1,2-Dichlorobenzene	EPA 524.2
104.040	021	1,4-Dichlorobenzene	EPA 524.2
104.040	021	1,4-Dichlorobenzene	EPA 524.2
104.040	022	Dichlorodifluoromethane	EPA 524.2
104.040	022	Dichlorodifluoromethane	EPA 524.2
104.040	023	1,1-Dichloroethane	EPA 524.2
104.040	023	1,1-Dichloroethane	EPA 524.2
104.040	024	1,2-Dichloroethane	EPA 524.2
104.040	024	1,2-Dichloroethane	EPA 524.2
104.040	025	1,1-Dichloroethene	EPA 524.2
104.040	025	1,1-Dichloroethene	EPA 524.2
104.040	026	cis-1,2-Dichloroethene	EPA 524.2
104.040	026	cis-1,2-Dichloroethene	EPA 524.2
104.040	027	trans-1,2-Dichloroethene	EPA 524.2
104.040	027	trans-1,2-Dichloroethene	EPA 524.2
104.040	028	Dichloromethane	EPA 524.2
104.040	028	Dichloromethane	EPA 524.2
104.040	029	1,2-Dichloropropane	EPA 524.2
104.040	029	1,2-Dichloropropane	EPA 524.2
104.040	033	cis-1,3-Dichloropropene	EPA 524.2
104.040	033	cis-1,3-Dichloropropene	EPA 524.2
104.040	034	trans-1,3-Dichloropropene	EPA 524.2
104.040	034	trans-1,3-Dichloropropene	EPA 524.2

104.040	035	Ethylbenzene	EPA 524.2
104.040	035	Ethylbenzene	EPA 524.2
104.040	037	Isopropylbenzene	EPA 524.2
104.040	037	Isopropylbenzene	EPA 524.2
104.040	039	Naphthalene	EPA 524.2
104.040	039	Naphthalene	EPA 524.2
104.040	041	N-propylbenzene	EPA 524.2
104.040	041	N-propylbenzene	EPA 524.2
104.040	042	Styrene	EPA 524.2
104.040	042	Styrene	EPA 524.2
104.040	043	1,1,1,2-Tetrachloroethane	EPA 524.2
104.040	043	1,1,1,2-Tetrachloroethane	EPA 524.2
104.040	044	1,1,2,2-Tetrachloroethane	EPA 524.2
104.040	044	1,1,2,2-Tetrachloroethane	EPA 524.2
104.040	045	Tetrachloroethene	EPA 524.2
104.040	045	Tetrachloroethene	EPA 524.2
104.040	046	Toluene	EPA 524.2
104.040	046	Toluene	EPA 524.2
104.040	047	1,2,3-Trichlorobenzene	EPA 524.2
104.040	048	1,2,4-Trichlorobenzene	EPA 524.2
104.040	048	1,2,4-Trichlorobenzene	EPA 524.2
104.040	049	1,1,1-Trichloroethane	EPA 524.2
104.040	049	1,1,1-Trichloroethane	EPA 524.2
104.040	050	1,1,2-Trichloroethane	EPA 524.2
104.040	050	1,1,2-Trichloroethane	EPA 524.2
104.040	051	Trichloroethene	EPA 524.2
104.040	051	Trichloroethene	EPA 524.2
104.040	052	Trichlorofluoromethane	EPA 524.2
104.040	052	Trichlorofluoromethane	EPA 524.2
104.040	054	1,2,4-Trimethylbenzene	EPA 524.2
104.040	054	1,2,4-Trimethylbenzene	EPA 524.2
104.040	055	1,3,5-Trimethylbenzene	EPA 524.2
104.040	055	1,3,5-Trimethylbenzene	EPA 524.2
104.040	056	Vinyl Chloride	EPA 524.2
104.040	056	Vinyl Chloride	EPA 524.2
104.040	057	Xylenes, Total	EPA 524.2
104.040	057	Xylenes, Total	EPA 524.2
104.045	000	Trihalomethanes, Total	EPA 524.2
104.045	001	Bromodichloromethane	EPA 524.2
104.045	001	Bromodichloromethane	EPA 524.2
104.045	002	Bromoform	EPA 524.2
104.045	002	Bromoform	EPA 524.2
104.045	003	Chloroform	EPA 524.2
104.045	003	Chloroform	EPA 524.2
104.045	004	Dibromochloromethane	EPA 524.2
104.045	004	Dibromochloromethane	EPA 524.2
104.045	005	Trihalomethanes	EPA 524.2

104.050	000	Gasoline Additives	EPA 524.2
104.050	000	Gasoline Additives	EPA 524.2
104.050	002	Methyl tert-butyl Ether (MTBE)	EPA 524.2
104.050	002	Methyl tert-butyl Ether (MTBE)	EPA 524.2
104.050	003	tert-Amyl Methyl Ether (TAME)	EPA 524.2
104.050	004	tert-Amyl Methyl Ether (TAME)	EPA 524.2
104.050	004	Ethyl tert-butyl Ether (ETBE)	EPA 524.2
104.050	005	Trichlorotrifluoroethane	EPA 524.2
104.050	005	Ethyl tert-butyl Ether (ETBE)	EPA 524.2
104.050	006	Trichlorotrifluoroethane	EPA 524.2
104.050	006	tert-Butyl Alcohol (TBA)	EPA 524.2
104.050	007	tert-Butyl Alcohol (TBA)	EPA 524.2
104.050	008	Carbon Disulfide	EPA 524.2
104.050	009	Methyl Isobutyl Ketone	EPA 524.2

Field of Testing: 105 - Semi-volatile Organic Chemistry of Drinking Water

105.020	000	Adipates	EPA 506
105.020	000	Phthalates	EPA 506
105.020	001	Di(2-ethylhexyl) Adipate	EPA 506
105.020	001	Di(2-ethylhexyl) Adipate	EPA 506
105.020	002	Di(2-ethylhexyl) Phthalate	EPA 506
105.020	002	Di(2-ethylhexyl) Phthalate	EPA 506
105.020	010	Phthalates	EPA 506
105.030	000	N-, P- Pesticides	EPA 507
105.030	000	N-, P- Pesticides	EPA 507
105.030	001	Alachlor	EPA 507
105.030	001	Alachlor	EPA 507
105.030	002	Atrazine	EPA 507
105.030	002	Atrazine	EPA 507
105.030	003	Butachlor	EPA 507
105.030	003	Butachlor	EPA 507
105.030	005	Metolachlor	EPA 507
105.030	005	Metolachlor	EPA 507
105.030	006	Metribuzin	EPA 507
105.030	006	Metribuzin	EPA 507
105.030	007	Molinate	EPA 507
105.030	007	Molinate	EPA 507
105.030	008	Prometryn	EPA 507
105.030	008	Prometryn	EPA 507
105.030	009	Simazine	EPA 507
105.030	009	Simazine	EPA 507
105.035	000	Organochlorine Pesticides	EPA 508
105.035	001	Aldrin	EPA 508
105.035	001	Aldrin	EPA 508
105.035	002	Dieldrin	EPA 508
105.035	003	Endosulfan I	EPA 508
105.035	003	Endosulfan I	EPA 508
105.035	004	Endosulfan II	EPA 508

105.035	004	Endosulfan II	EPA 508
105.035	005	Endosulfan Sulfate	EPA 508
105.035	005	Endosulfan Sulfate	EPA 508
105.035	006	Endrin	EPA 508
105.035	007	Endrin Aldehyde	EPA 508
105.035	007	Endrin Aldehyde	EPA 508
105.035	008	Heptachlor	EPA 508
105.035	009	Heptachlor Epoxide	EPA 508
105.035	010	Hexachlorobenzene	EPA 508
105.035	011	Lindane	EPA 508
105.035	012	Methoxychlor	EPA 508
105.035	013	Propachlor	EPA 508
105.035	013	Propachlor	EPA 508
105.035	014	Chlordane	EPA 508
105.035	015	Toxaphene	EPA 508
105.035	018	Aroclor 1221	EPA 508
105.035	019	Aroclor 1232	EPA 508
105.035	020	Arochlor 1242	EPA 508
105.035	020	Arochlor 1242	EPA 508
105.035	021	Aroclor 1248	EPA 508
105.035	022	Aroclor 1254	EPA 508
105.035	022	Aroclor 1254	EPA 508
105.035	023	Aroclor 1260	EPA 508
105.040	000	Chlorinated Pesticides	EPA 508
105.040	003	Chlordane (total)	EPA 508
105.040	007	Endrin	EPA 508
105.040	008	Heptachlor	EPA 508
105.040	009	Heptachlor Epoxide	EPA 508
105.040	010	Hexachlorobenzene	EPA 508
105.040	012	Lindane	EPA 508
105.040	013	Methoxychlor	EPA 508
105.040	015	Toxaphene	EPA 508
105.040	016	PCBs as Aroclors (screen)	EPA 508
105.070	001	Bentazon	EPA 515.1
105.070	001	Bentazon	EPA 515.1
105.070	002	2,4-D	EPA 515.1
105.070	002	2,4-D	EPA 515.1
105.070	003	Dalapon	EPA 515.1
105.070	004	Dicamba	EPA 515.1
105.070	004	Dicamba	EPA 515.1
105.070	005	Dinoseb	EPA 515.1
105.070	005	Dinoseb	EPA 515.1
105.070	006	Pentachlorophenol	EPA 515.1
105.070	006	Pentachlorophenol	EPA 515.1
105.070	007	Picloram	EPA 515.1
105.070	007	Picloram	EPA 515.1
105.070	008	2,4,5-TP	EPA 515.1

105.070	008	2,4,5-TP	EPA 515.1
105.070	009	Chlorinated Acids	EPA 515.1
105.160	000	Polynuclear Aromatic Hydrocarbons	EPA 550
105.160	000	Polynuclear Aromatic Hydrocarbons	EPA 550
105.160	001	Benzo(a)pyrene	EPA 550
105.160	001	Benzo(a)pyrene	EPA 550
105.200	001	Bromoacetic Acid	EPA 552.2
105.200	001	Bromoacetic Acid	EPA 552.2
105.200	003	Chloroacetic Acid	EPA 552.2
105.200	003	Chloroacetic Acid	EPA 552.2
105.200	004	Dalapon	EPA 552.2
105.200	005	Dibromoacetic Acid	EPA 552.2
105.200	005	Dibromoacetic Acid	EPA 552.2
105.200	006	Dichloroacetic Acid	EPA 552.2
105.200	006	Dichloroacetic Acid	EPA 552.2
105.200	007	Trichloroacetic Acid	EPA 552.2
105.200	007	Trichloroacetic Acid	EPA 552.2
105.200	008	Haloacetic Acids (HAA5)	EPA 552.2
105.200	008	Haloacetic Acids (HAA5)	EPA 552.2

Field of Testing: 107 - Microbiology of Wastewater

107.010	001	Heterotrophic Bacteria	SM9215B
107.020	002	Total Coliform (Enumeration)	SM9221B,E-2006
107.020	002	Total Coliform (Enumeration)	SM9221B-2006
107.030	002	Total Coliform with Chlorine Present	SM9221B,C-2006
107.030	002	Total Coliform with Chlorine Present	SM9221B,C-2006
107.040	002	Fecal Coliform (Enumeration)	SM9221C,E-2006
107.040	002	Fecal Coliform (Enumeration)	SM9221C,E-2006
107.050	002	Fecal Coliform with Chlorine Present	SM9221C,E-2006
107.050	002	Fecal Coliform with Chlorine Present	SM9221C,E-2006
107.242	001	Enterococci	Enterolert
107.242	001	Enterococci	Enterolert
107.245	002	E. coli (Enumeration)	SM9223B (Colilert)
107.245	002	E. coli (Enumeration)	SM9223B (Colilert)
107.247	001	E. coli (Enumeration)	SM9221B,F-2006
107.247	001	E. coli (Enumeration)	SM9221B,F-2006

Field of Testing: 108 - Inorganic Chemistry of Wastewater

108.020	001	Conductivity	EPA 120.1
108.020	001	Conductivity	EPA 120.1
108.030	001	Hardness	EPA 130.1
108.051	001	Hydrogen Ion (pH)	EPA 150.1
108.090	001	Residue, Volatile	EPA 160.4
108.090	001	Residue, Volatile	EPA 160.4
108.110	001	Turbidity	EPA 180.1
108.110	001	Turbidity	EPA 180.1
108.112	001	Boron	EPA 200.7
108.112	001	Boron	EPA 200.7

108.112	002	Calcium	EPA 200.7
108.112	002	Calcium	EPA 200.7
108.112	003	Hardness (calculation)	EPA 200.7
108.112	003	Hardness (calculation)	EPA 200.7
108.112	004	Magnesium	EPA 200.7
108.112	004	Magnesium	EPA 200.7
108.112	005	Potassium	EPA 200.7
108.112	005	Potassium	EPA 200.7
108.112	006	Silica	EPA 200.7
108.112	006	Silica, Dissolved	EPA 200.7
108.112	007	Sodium	EPA 200.7
108.112	007	Sodium	EPA 200.7
108.113	001	Boron	EPA 200.8
108.113	001	Boron	EPA 200.8
108.113	002	Calcium	EPA 200.8
108.113	002	Calcium	EPA 200.8
108.113	003	Magnesium	EPA 200.8
108.113	003	Magnesium	EPA 200.8
108.113	004	Potassium	EPA 200.8
108.113	004	Potassium	EPA 200.8
108.113	005	Silica, Dissolved	EPA 200.8
108.113	006	Sodium	EPA 200.8
108.113	006	Sodium	EPA 200.8
108.120	001	Bromide	EPA 300.0
108.120	001	Bromide	EPA 300.0
108.120	002	Chloride	EPA 300.0
108.120	002	Chloride	EPA 300.0
108.120	003	Fluoride	EPA 300.0
108.120	003	Fluoride	EPA 300.0
108.120	008	Sulfate	EPA 300.0
108.120	008	Sulfate	EPA 300.0
108.120	012	Nitrate (as N)	EPA 300.0
108.120	012	Nitrate (as N)	EPA 300.0
108.120	013	Nitrate-Nitrite (as N)	EPA 300.0
108.120	013	Nitrate-Nitrite (as N)	EPA 300.0
108.120	014	Nitrite (as N)	EPA 300.0
108.120	014	Nitrite (as N)	EPA 300.0
108.120	015	Phosphate, Ortho (as P)	EPA 300.0
108.120	015	Phosphate, Ortho (as P)	EPA 300.0
108.209	001	Ammonia (as N)	EPA 350.1
108.209	001	Ammonia (as N)	EPA 350.1
108.210	002	Kjeldahl Nitrogen, Total (as N)	EPA 351.1
108.211	002	Kjeldahl Nitrogen, Total (as N)	EPA 351.2
108.211	002	Kjeldahl Nitrogen, Total (as N)	EPA 351.2
108.232	003	Nitrate-Nitrite (as N)	EPA 353.2
108.232	003	Nitrate-Nitrite (as N)	EPA 353.2
108.232	004	Nitrite (as N)	EPA 353.2

108.232	004	Nitrite (as N)	EPA 353.2
108.260	001	Phosphate, Ortho	EPA 365.1
108.260	001	Phosphate, Ortho	EPA 365.1
108.261	001	Phosphorus, Total	EPA 365.1
108.261	001	Phosphorus, Total	EPA 365.1
108.264	001	Phosphate, Ortho	EPA 365.3
108.265	001	Phosphorus, Total	EPA 365.3
108.266	001	Phosphorus, Total	EPA 365.4
108.323	001	Chemical Oxygen Demand	EPA 410.4
108.323	001	Chemical Oxygen Demand	EPA 410.4
108.360	001	Phenols, Total	EPA 420.1
108.360	001	Phenols, Total	EPA 420.1
108.381	001	Oil and Grease	EPA 1664A
108.381	001	Oil and Grease	EPA 1664A
108.390	001	Turbidity	SM2130B-2001
108.390	001	Turbidity	SM2130B-2001
108.400	001	Acidity	SM2310B-1997
108.410	001	Alkalinity	SM2320B-1997
108.410	001	Alkalinity	SM2320B-1997
108.420	001	Hardness (calculation)	SM2340B-1997
108.420	001	Hardness (calculation)	SM2340B-1997
108.421	001	Hardness	SM2340C-1997
108.421	001	Hardness	SM2340C-1997
108.430	001	Conductivity	SM2510B-1997
108.430	001	Conductivity	SM2510B-1997
108.438	001	Boron	SM3125B-2009
108.438	002	Calcium	SM3125B-2009
108.438	003	Magnesium	SM3125B-2009
108.438	004	Potassium	SM3125B-2009
108.438	006	Sodium	SM3125B-2009
108.438	007	Hardness (calculation)	SM3125B-2009
108.439	001	Residue, Volatile	SM2540E-1997
108.439	001	Residue, Volatile	SM2540E-1997
108.440	001	Residue, Total	SM2540B-1997
108.440	001	Residue, Total	SM2540B-1997
108.441	001	Residue, Filterable TDS	SM2540C-1997
108.441	001	Residue, Filterable TDS	SM2540C-1997
108.442	001	Residue, Non-filterable TSS	SM2540D-1997
108.442	001	Residue, Non-filterable TSS	SM2540D-1997
108.443	001	Residue, Settleable	SM2540F-1997
108.443	001	Residue, Settleable	SM2540F-1997
108.444	001	Temperature	SM2550B-2000
108.444	001	Temperature	SM2550B-2000
108.447	001	Boron	SM3120B-1999
108.447	002	Calcium	SM3120B-1999
108.447	003	Hardness (calculation)	SM3120B-1999
108.447	004	Magnesium	SM3120B-1999

108.447	005	Potassium	SM3120B-1999
108.447	006	Silica	SM3120B-1999
108.447	007	Sodium	SM3120B-1999
108.448	001	Bromide	SM4110B-2000
108.448	002	Chloride	SM4110B-2000
108.448	003	Fluoride	SM4110B-2000
108.448	004	Nitrate (as N)	SM4110B-2000
108.448	005	Nitrite (as N)	SM4110B-2000
108.448	006	Nitrate-nitrite	SM4110B-2000
108.448	007	Phosphate, Ortho	SM4110B-2000
108.448	008	Sulfate	SM4110B-2000
108.465	001	Chlorine, Total Residual	SM4500-Cl G-2000
108.465	001	Chlorine, Total	SM4500-Cl G-2000
108.465	002	Chlorine, Free	SM4500-Cl G-2000
108.465	002	Chlorine, Free	SM4500-Cl G-2000
108.472	001	Cyanide, Total	SM4500-CN E-1999
108.472	001	Cyanide, Total	SM4500-CN C,E-1999
108.473	001	Cyanide, amenable	SM4500-CN G-1999
108.473	001	Cyanide, amenable	SM4500-CN G-1999
108.474	001	Cyanide, Total	SM4500-CN F-1999
108.480	001	Fluoride	SM4500-F B,C-1997
108.480	001	Fluoride	SM4500-F B,C-1997
108.490	001	Hydrogen Ion (pH)	SM4500-H+ B-2000
108.490	001	Hydrogen Ion (pH)	SM4500-H+ B-2000
108.506	002	Ammonia (as N)	SM4500-NH3 G-1997
108.508	002	Ammonia (as N)	SM4500-NH3 G-1997
108.513	001	Kjeldahl Nitrogen, Total (as N)	SM4500-Norg D-1997
108.529	001	Nitrate-Nitrite (as N)	SM4500-NO3- F-2000
108.529	001	Nitrate-Nitrite (as N)	SM4500-NO3- F-2000
108.529	002	Nitrite (as N)	SM4500-NO3- F-2000
108.529	002	Nitrite (as N)	SM4500-NO3- F-2000
108.529	003	Nitrate (as N)	SM4500-NO3- F-2000
108.529	003	Nitrate (as N)	SM4500-NO3- F-2000
108.536	001	Oxygen, dissolved	SM4500-O G-2001
108.542	001	Phosphate, Ortho	SM4500-P F
108.544	001	Phosphate, Ortho (as P)	SM4500-P G-1999
108.545	001	Phosphorus, Total	SM4500-P H-1999
108.584	001	Sulfide (as S)	SM4500-S= D-2000
108.584	001	Sulfide (as S)	SM4500-S= D-2000
108.592	001	Biochemical Oxygen Demand	SM5210B-2001
108.592	001	Biochemical Oxygen Demand	SM5210B-2001
108.592	002	Carbonaceous BOD	SM5210B-2001
108.592	002	Carbonaceous BOD	SM5210B-2001
108.595	001	Chemical Oxygen Demand	SM5220D-1997
108.595	001	Chemical Oxygen Demand	SM5220D-1997
108.596	001	Organic Carbon-Total (TOC)	SM5310B-2000
108.603	001	Oil & Grease Total	SM5520B-2001

108.605	001	Surfactants	SM5540C-2000
108.605	001	Surfactants	SM5540C-2000
108.625	001	Phenols, Total	SM5530 B-2005
108.626	001	Phenols, Total	SM5530 D-2005
108.626	001	Phenols, Total	SM5530 D-2005

Field of Testing: 109 - Toxic Chemical Elements of Wastewater

109.010	001	Aluminum	EPA 200.7
109.010	001	Aluminum	EPA 200.7
109.010	002	Antimony	EPA 200.7
109.010	002	Antimony	EPA 200.7
109.010	003	Arsenic	EPA 200.7
109.010	003	Arsenic	EPA 200.7
109.010	004	Barium	EPA 200.7
109.010	004	Barium	EPA 200.7
109.010	005	Beryllium	EPA 200.7
109.010	005	Beryllium	EPA 200.7
109.010	006	Boron	EPA 200.7
109.010	006	Boron	EPA 200.7
109.010	007	Cadmium	EPA 200.7
109.010	007	Cadmium	EPA 200.7
109.010	009	Chromium	EPA 200.7
109.010	009	Chromium	EPA 200.7
109.010	010	Cobalt	EPA 200.7
109.010	010	Cobalt	EPA 200.7
109.010	011	Copper	EPA 200.7
109.010	011	Copper	EPA 200.7
109.010	012	Iron	EPA 200.7
109.010	012	Iron	EPA 200.7
109.010	013	Lead	EPA 200.7
109.010	013	Lead	EPA 200.7
109.010	015	Manganese	EPA 200.7
109.010	015	Manganese	EPA 200.7
109.010	016	Molybdenum	EPA 200.7
109.010	016	Molybdenum	EPA 200.7
109.010	017	Nickel	EPA 200.7
109.010	017	Nickel	EPA 200.7
109.010	019	Selenium	EPA 200.7
109.010	019	Selenium	EPA 200.7
109.010	021	Silver	EPA 200.7
109.010	021	Silver	EPA 200.7
109.010	023	Thallium	EPA 200.7
109.010	023	Thallium	EPA 200.7
109.010	024	Tin	EPA 200.7
109.010	024	Tin	EPA 200.7
109.010	025	Titanium	EPA 200.7
109.010	026	Vanadium	EPA 200.7
109.010	026	Vanadium	EPA 200.7

109.010	027	Zinc	EPA 200.7
109.010	027	Zinc	EPA 200.7
109.020	001	Aluminum	EPA 200.8
109.020	001	Aluminum	EPA 200.8
109.020	002	Antimony	EPA 200.8
109.020	002	Antimony	EPA 200.8
109.020	003	Arsenic	EPA 200.8
109.020	003	Arsenic	EPA 200.8
109.020	004	Barium	EPA 200.8
109.020	004	Barium	EPA 200.8
109.020	005	Beryllium	EPA 200.8
109.020	005	Beryllium	EPA 200.8
109.020	006	Cadmium	EPA 200.8
109.020	006	Cadmium	EPA 200.8
109.020	007	Chromium	EPA 200.8
109.020	007	Chromium	EPA 200.8
109.020	008	Cobalt	EPA 200.8
109.020	008	Cobalt	EPA 200.8
109.020	009	Copper	EPA 200.8
109.020	009	Copper	EPA 200.8
109.020	010	Lead	EPA 200.8
109.020	010	Lead	EPA 200.8
109.020	011	Manganese	EPA 200.8
109.020	011	Manganese	EPA 200.8
109.020	012	Molybdenum	EPA 200.8
109.020	012	Molybdenum	EPA 200.8
109.020	013	Nickel	EPA 200.8
109.020	013	Nickel	EPA 200.8
109.020	014	Selenium	EPA 200.8
109.020	014	Selenium	EPA 200.8
109.020	015	Silver	EPA 200.8
109.020	015	Silver	EPA 200.8
109.020	016	Thallium	EPA 200.8
109.020	016	Thallium	EPA 200.8
109.020	017	Vanadium	EPA 200.8
109.020	017	Vanadium	EPA 200.8
109.020	018	Zinc	EPA 200.8
109.020	018	Zinc	EPA 200.8
109.020	020	Gold	EPA 200.8
109.020	021	Iron	EPA 200.8
109.020	021	Iron	EPA 200.8
109.020	022	Tin	EPA 200.8
109.020	023	Titanium	EPA 200.8
109.020	023	Titanium	EPA 200.8
109.104	001	Chromium (VI)	EPA 218.6
109.104	001	Chromium (VI)	EPA 218.6
109.190	001	Mercury	EPA 245.1

109.190	001	Mercury	EPA 245.1
109.430	001	Aluminum	SM3120B-1999
109.430	002	Antimony	SM3120B-1999
109.430	003	Arsenic	SM3120B-1999
109.430	004	Barium	SM3120B-1999
109.430	005	Beryllium	SM3120B-1999
109.430	007	Cadmium	SM3120B-1999
109.430	009	Chromium	SM3120B-1999
109.430	010	Cobalt	SM3120B-1999
109.430	012	Iron	SM3120B-1999
109.430	015	Manganese	SM3120B-1999
109.430	016	Molybdenum	SM3120B-1999
109.430	017	Nickel	SM3120B-1999
109.430	019	Selenium	SM3120B-1999
109.430	021	Silver	SM3120B-1999
109.430	023	Thallium	SM3120B-1999
109.430	024	Vanadium	SM3120B-1999
109.430	025	Zinc	SM3120B-1999
109.445	002	Chromium (VI)	SM3500-Cr B-2009
109.446	001	Chromium (VI)	SM3500-Cr C-2009

Field of Testing: 110 - Volatile Organic Chemistry of Wastewater

110.040	000	Purgeable Organic Compounds	EPA 624
110.040	000	Purgeable Organic Compounds	EPA 624

Field of Testing: 111 - Semi-volatile Organic Chemistry of Wastewater

111.010	000	Phenols	EPA 604
111.010	000	Phenols	EPA 604
111.060	000	Polynuclear Aromatics	EPA 610
111.060	000	Polynuclear Aromatics	EPA 610
111.100	000	Base/Neutral & Acid Organics	EPA 625
111.100	000	Base/Neutral & Acid Organics	EPA 625
111.103	000	Nitrosamines	EPA 625
111.103	000	Nitrosamines	EPA 625
111.170	000	Organochlorine Pesticides and PCBs	EPA 608
111.170	000	Organochlorine Pesticides and PCBs	EPA 608

Field of Testing: 114 - Inorganic Chemistry of Hazardous Waste

114.010	001	Antimony	EPA 6010B
114.010	001	Antimony	EPA 6010B
114.010	002	Arsenic	EPA 6010B
114.010	002	Arsenic	EPA 6010B
114.010	003	Barium	EPA 6010B
114.010	003	Barium	EPA 6010B
114.010	004	Beryllium	EPA 6010B
114.010	004	Beryllium	EPA 6010B
114.010	005	Cadmium	EPA 6010B
114.010	005	Cadmium	EPA 6010B
114.010	006	Chromium	EPA 6010B

114.010	006	Chromium	EPA 6010B
114.010	007	Cobalt	EPA 6010B
114.010	007	Cobalt	EPA 6010B
114.010	008	Copper	EPA 6010B
114.010	008	Copper	EPA 6010B
114.010	009	Lead	EPA 6010B
114.010	009	Lead	EPA 6010B
114.010	010	Molybdenum	EPA 6010B
114.010	010	Molybdenum	EPA 6010B
114.010	011	Nickel	EPA 6010B
114.010	011	Nickel	EPA 6010B
114.010	012	Selenium	EPA 6010B
114.010	012	Selenium	EPA 6010B
114.010	013	Silver	EPA 6010B
114.010	013	Silver	EPA 6010B
114.010	014	Thallium	EPA 6010B
114.010	014	Thallium	EPA 6010B
114.010	015	Vanadium	EPA 6010B
114.010	015	Vanadium	EPA 6010B
114.010	016	Zinc	EPA 6010B
114.010	016	Zinc	EPA 6010B
114.020	001	Antimony	EPA 6020
114.020	002	Arsenic	EPA 6020
114.020	003	Barium	EPA 6020
114.020	004	Beryllium	EPA 6020
114.020	005	Cadmium	EPA 6020
114.020	006	Chromium	EPA 6020
114.020	007	Cobalt	EPA 6020
114.020	008	Copper	EPA 6020
114.020	009	Lead	EPA 6020
114.020	010	Molybdenum	EPA 6020
114.020	011	Nickel	EPA 6020
114.020	012	Selenium	EPA 6020
114.020	013	Silver	EPA 6020
114.020	014	Thallium	EPA 6020
114.020	015	Vanadium	EPA 6020
114.020	016	Zinc	EPA 6020
114.103	001	Chromium (VI)	EPA 7196A
114.103	001	Chromium (VI)	EPA 7196A
114.106	001	Chromium (VI)	EPA 7199
114.106	001	Chromium (VI)	EPA 7199
114.140	001	Mercury	EPA 7470A
114.140	001	Mercury	EPA 7470A
114.141	001	Mercury	EPA 7471A
114.141	001	Mercury	EPA 7471A
114.240	001	Corrosivity - pH Determination	EPA 9040B
114.241	001	Corrosivity - pH Determination	EPA 9045C

114.250	001	Fluoride	EPA 9056

Field of Testing: 115 - Extraction Test of Hazardous Waste

115.020	001	Toxicity Characteristic Leaching Procedure (TCLP)	EPA 1311
115.021	001	TCLP Inorganics	EPA 1311
115.022	001	TCLP Extractables	EPA 1311
115.023	001	TCLP Volatiles	EPA 1311
115.030	001	Waste Extraction Test (WET)	CCR Chapter11, Article 5, Appendix II
115.030	001	Waste Extraction Test (WET)	CCR Chapter11, Article 5, Appendix II

Field of Testing: 116 - Volatile Organic Chemistry of Hazardous Waste

116.020	031	Ethanol and Methanol	EPA 8015B
116.030	001	Gasoline-range Organics	EPA 8015B
116.030	001	Gasoline-range Organics	EPA 8015B
116.080	000	Volatile Organic Compounds	EPA 8260B
116.080	000	Volatile Organic Compounds	EPA 8260B
116.080	120	Oxygenates	EPA 8260B
116.080	120	Oxygenates	EPA 8260B

Field of Testing: 117 - Semi-volatile Organic Chemistry of Hazardous Waste

117.010	001	Diesel-range Total Petroleum Hydrocarbons	EPA 8015B
117.010	001	Diesel-range Total Petroleum Hydrocarbons	EPA 8015B
117.110	000	Extractable Organics	EPA 8270C
117.110	000	Extractable Organics	EPA 8270C
117.140	000	Polynuclear Aromatic Hydrocarbons	EPA 8310
117.140	000	Polynuclear Aromatic Hydrocarbons	EPA 8310
117.210	000	Organochlorine Pesticides	EPA 8081A
117.210	000	Pesticides & PCBs	EPA 8081A
117.220	000	PCBs	EPA 8082
117.220	000	PCBs	EPA 8082
117.240	000	Organophosphorus Pesticides	EPA 8141A
117.240	000	Organophosphorus Pesticides	EPA 8141A
117.250	000	Chlorinated Herbicides	EPA 8151A
117.250	000	Chlorinated Herbicides	EPA 8151A
117.280	000	Carbamates	EPA 8321A

Field of Testing: 120 - Physical Properties of Hazardous Waste

120.010	001	Ignitability	EPA 1010
120.040	001	Reactive Cyanide	Section 7.3 SW-846
120.050	001	Reactive Sulfide	Section 7.3 SW-846
120.070	001	Corrosivity - pH Determination	EPA 9040B
120.080	001	Corrosivity - pH Determination	EPA 9045C
120.080	001	Corrosivity - pH Determination	EPA 9045C

Field of Testing: 126 - Microbiology of Recreational Water

126.010	001	Total Coliform (Enumeration)	SM9221B,C-2006
126.010	001	Total Coliform (Enumeration)	SM9221B,C
126.030	001	Fecal Coliform (Enumeration)	SM9221E-2006
126.030	001	Fecal Coliform (Enumeration)	SM9221B,E-2006
126.050	001	Total Coliform (Enumeration)	SM9223B (Colilert/Quanti-Tray)

126.050	001	Total Coliform (Enumeration)	SM9223B (Colilert/Quanti-Tray)
126.050	002	E. coli (Enumeration)	SM9223B (Colilert/Quanti-Tray)
126.050	002	E. coli (Enumeration)	SM9223B (Colilert/Quanti-Tray)
126.080	001	Enterococci	Enterolert
126.080	001	Enterococci	Enterolert